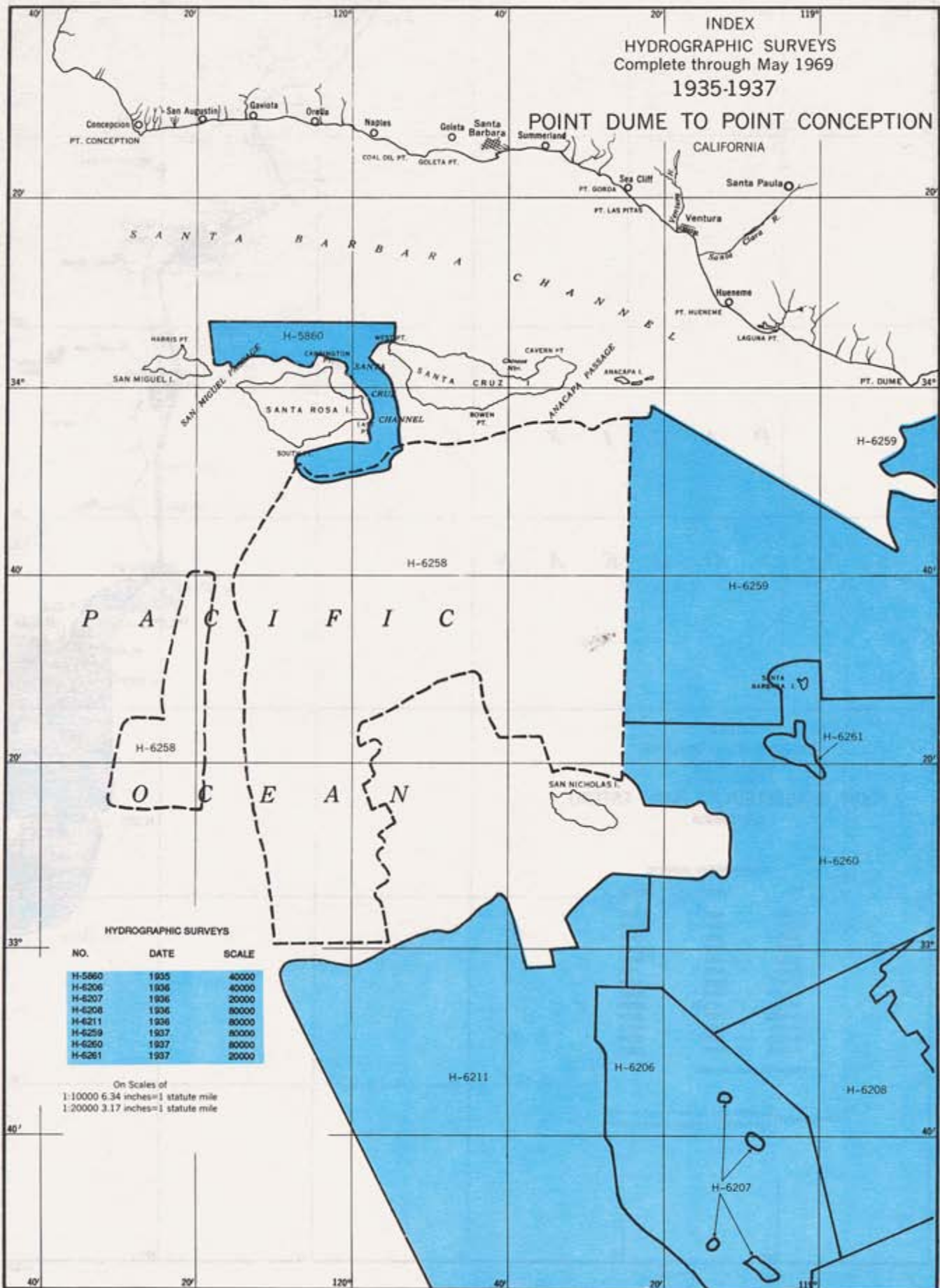
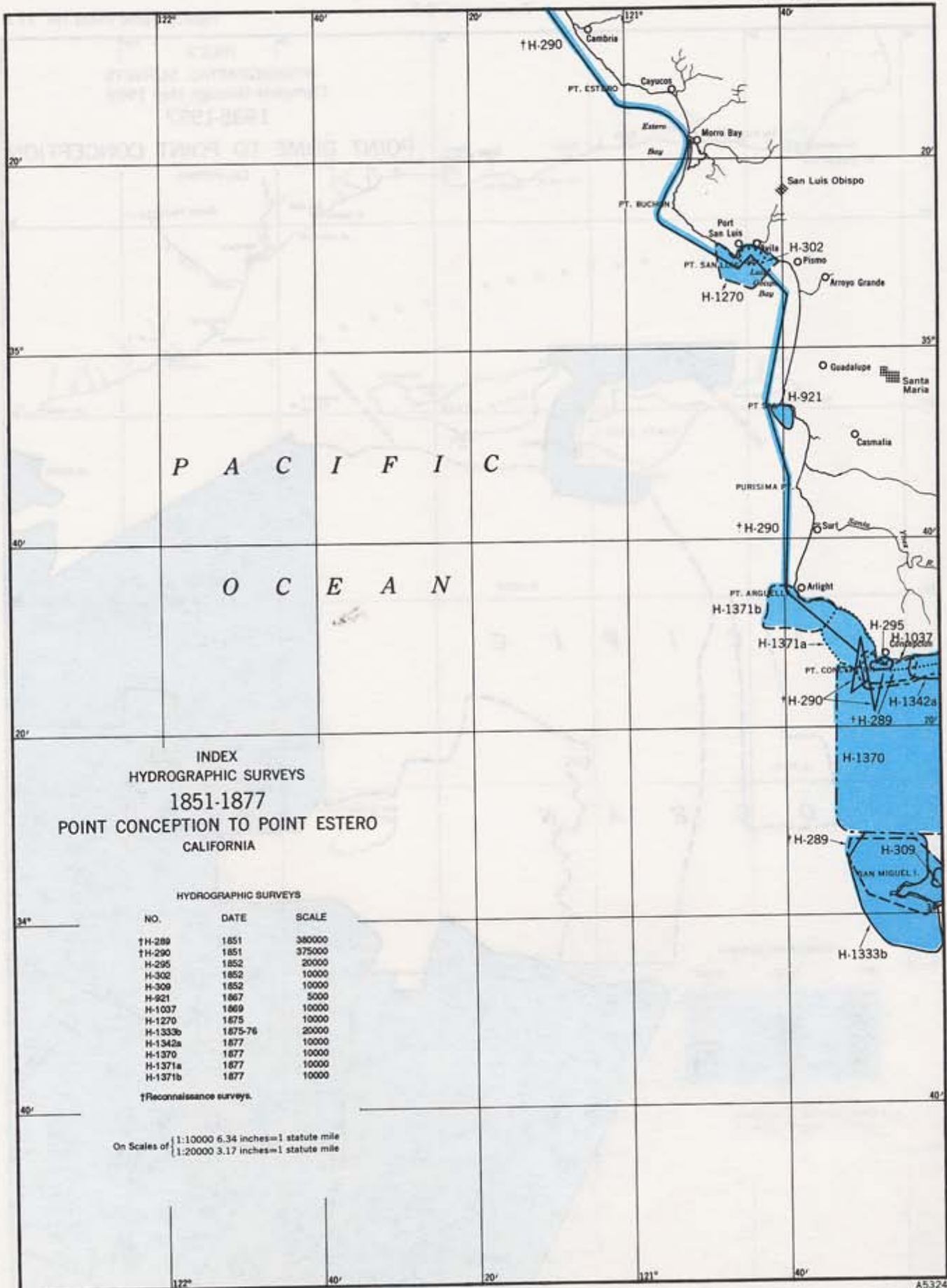


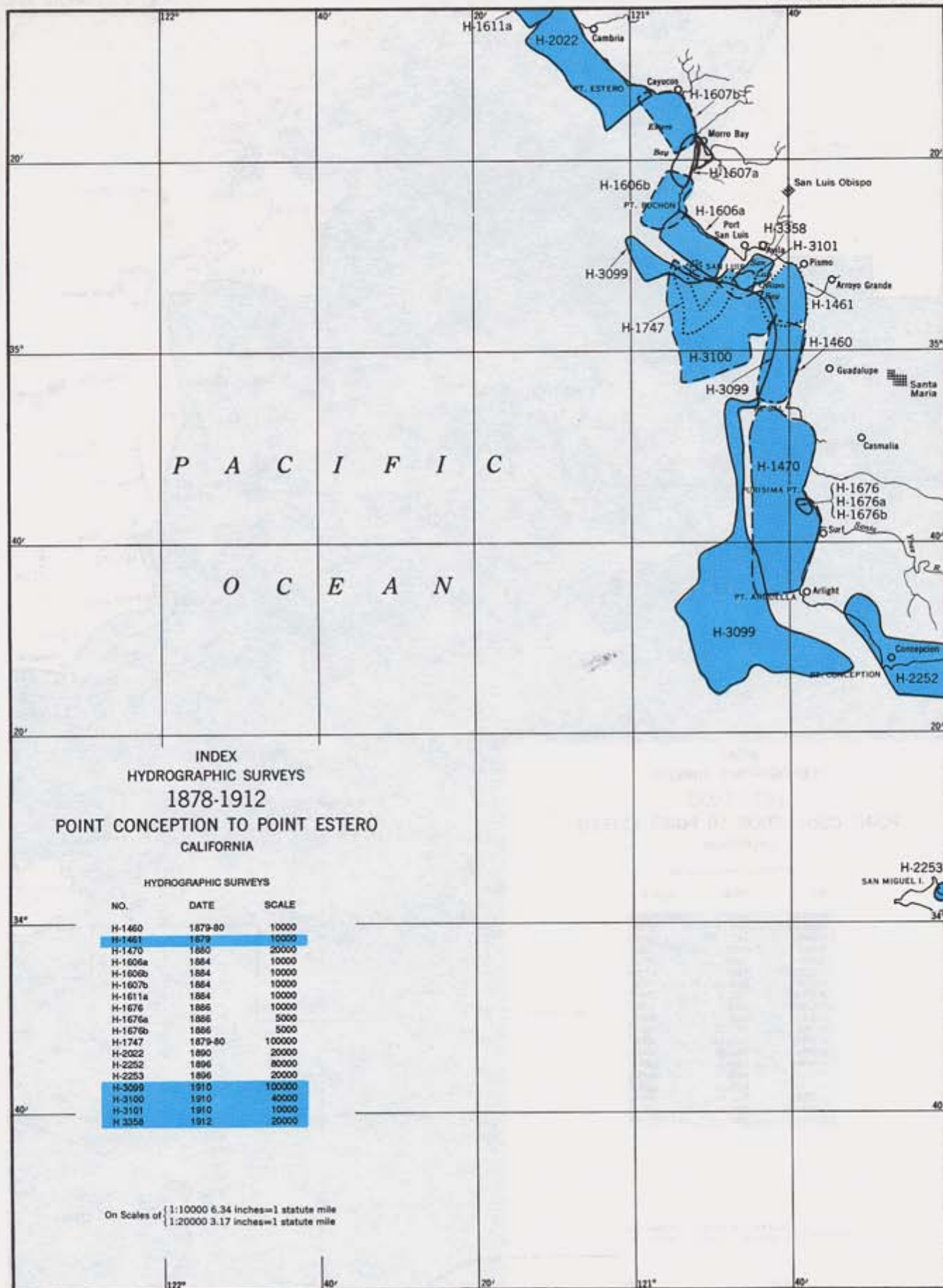
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Environmental Science Services Administration  
U.S. Coast and Geodetic Survey  
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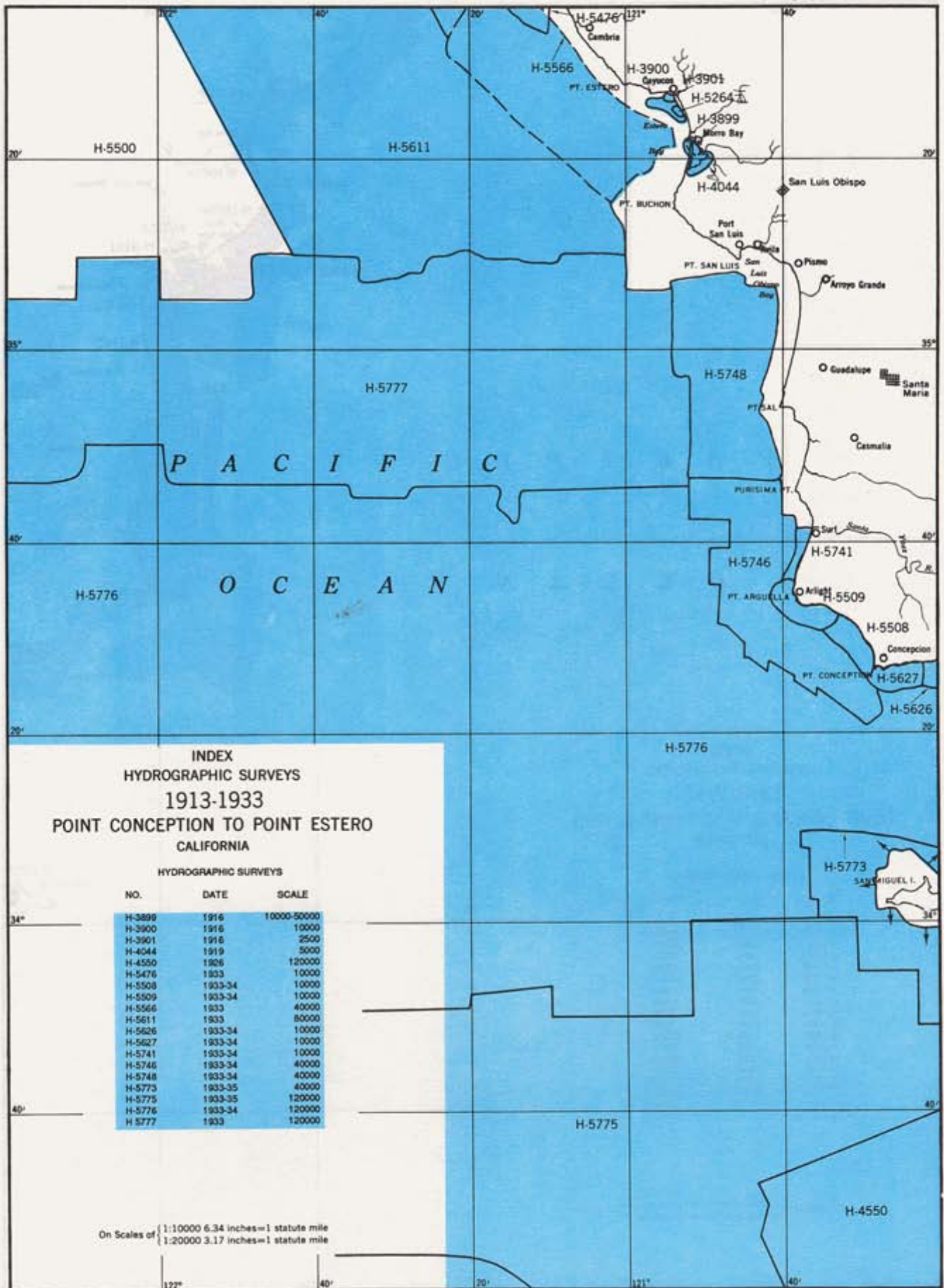


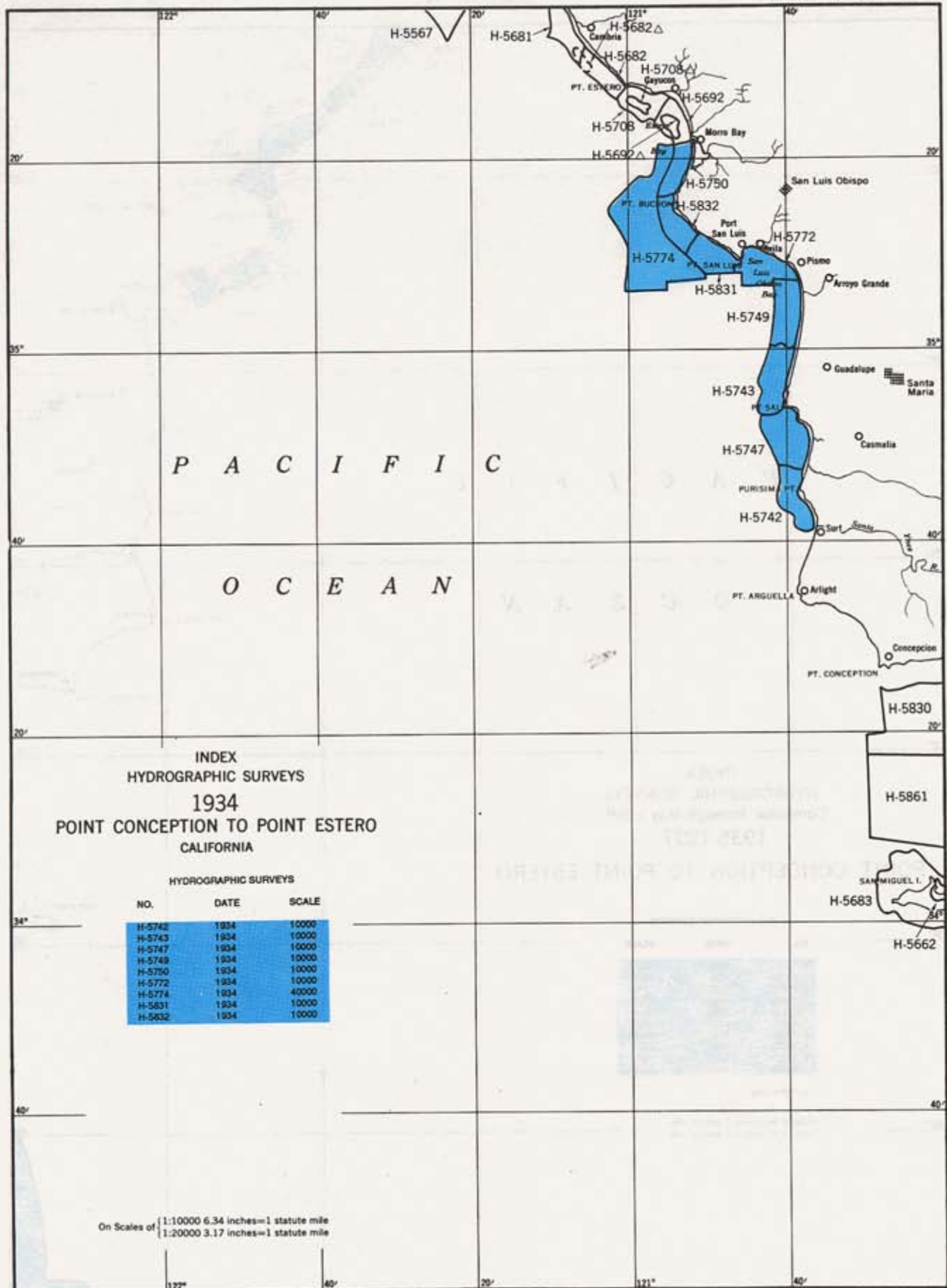








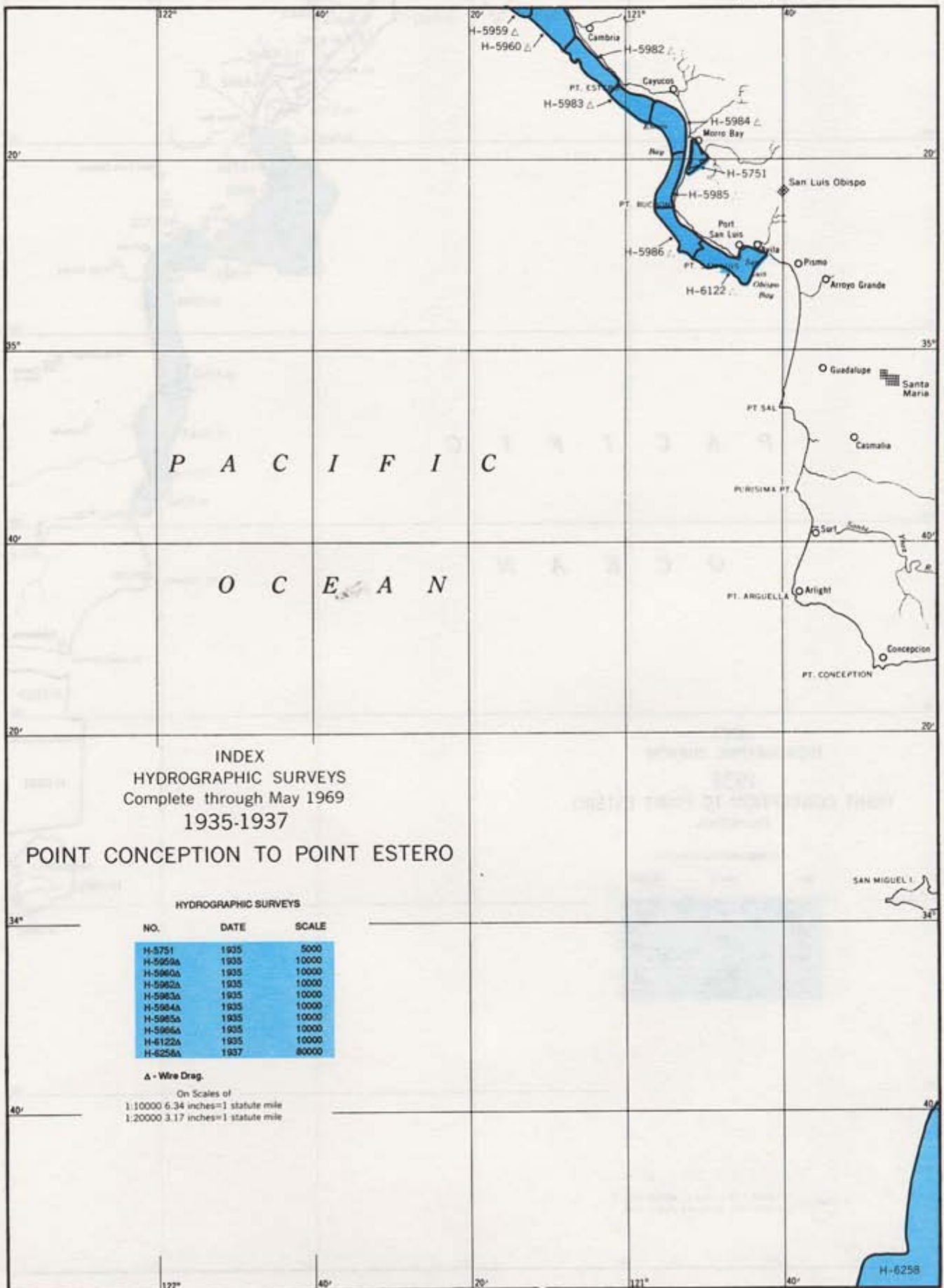


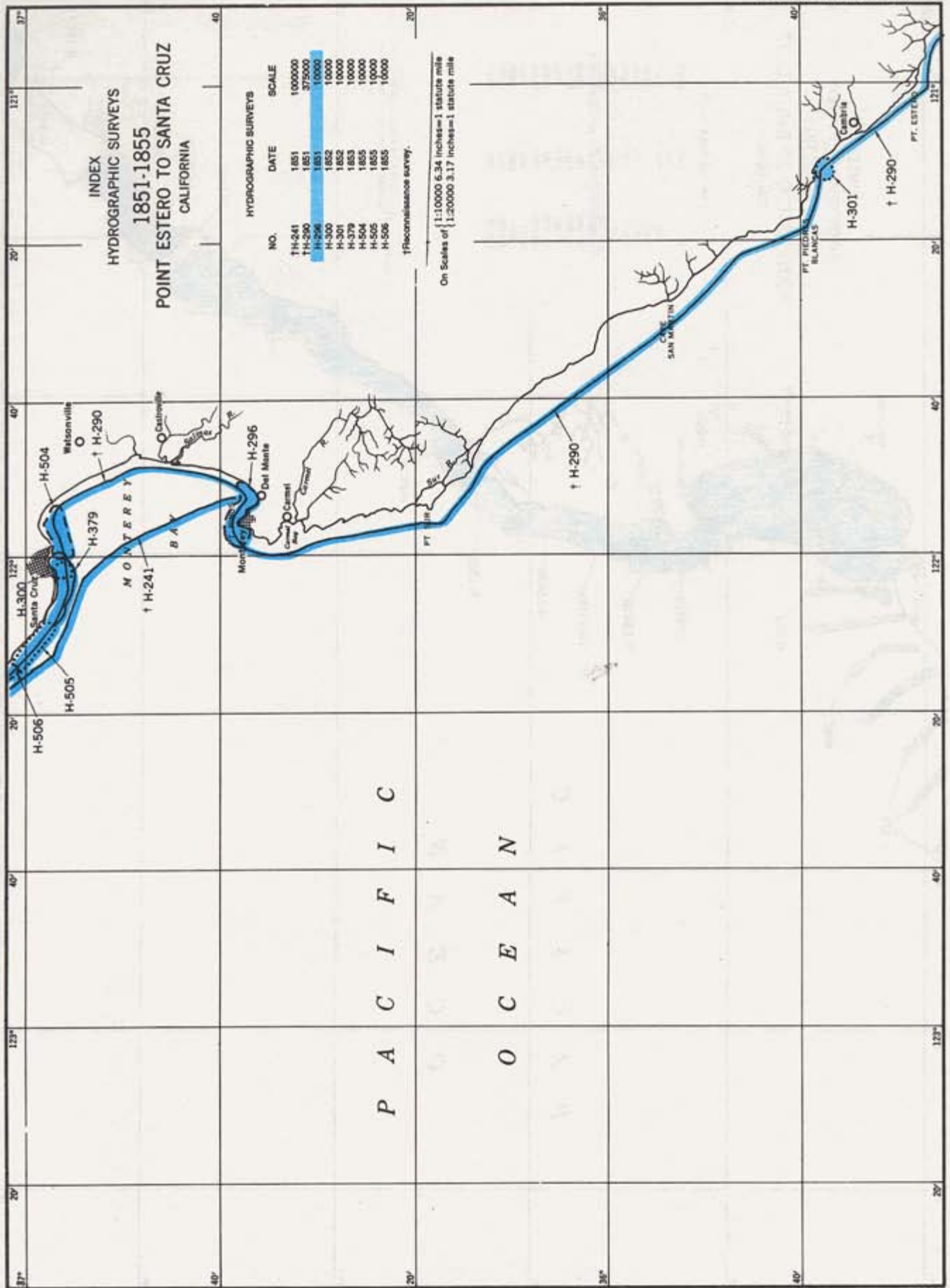




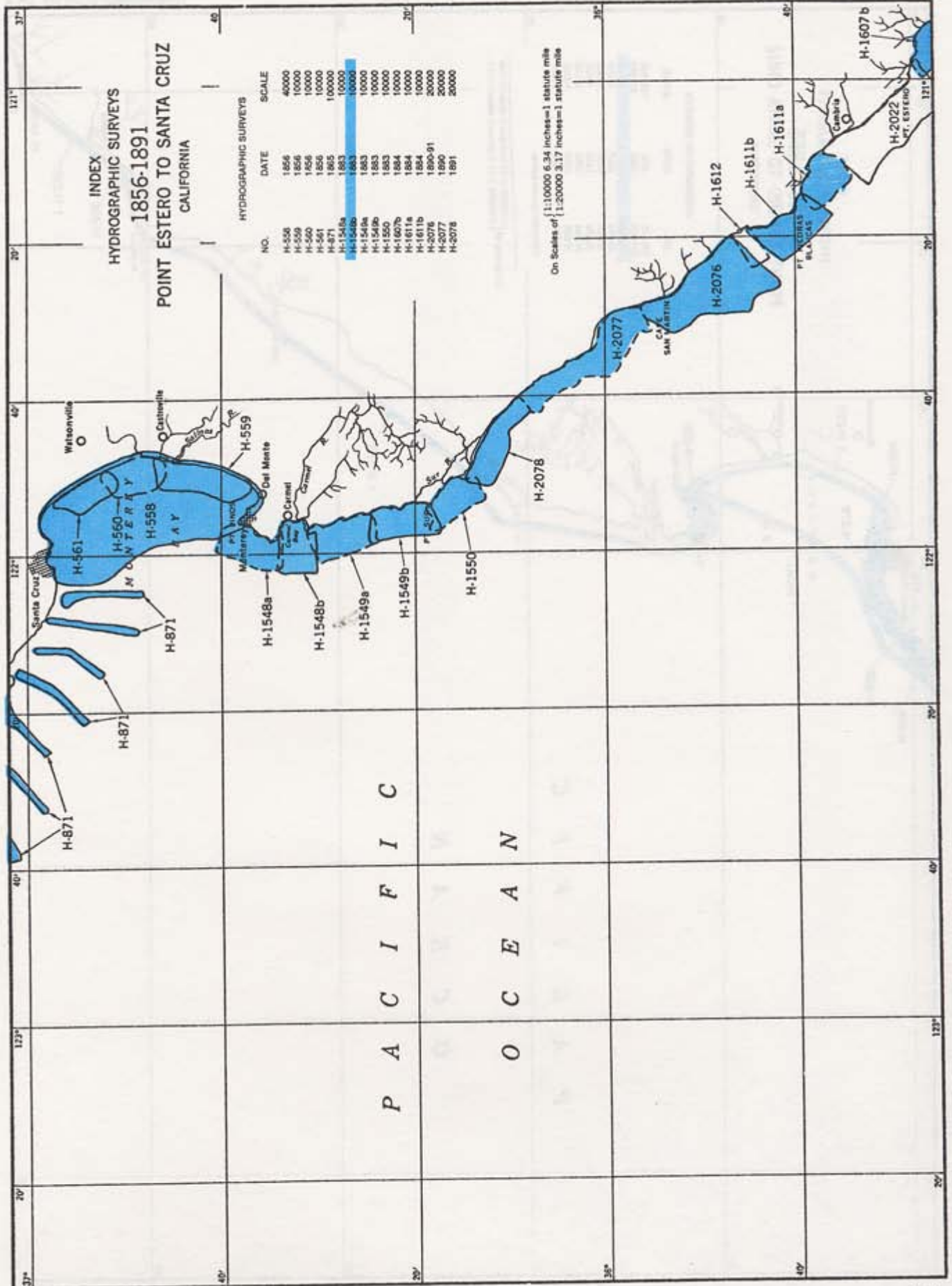
DEPARTMENT OF COMMERCE  
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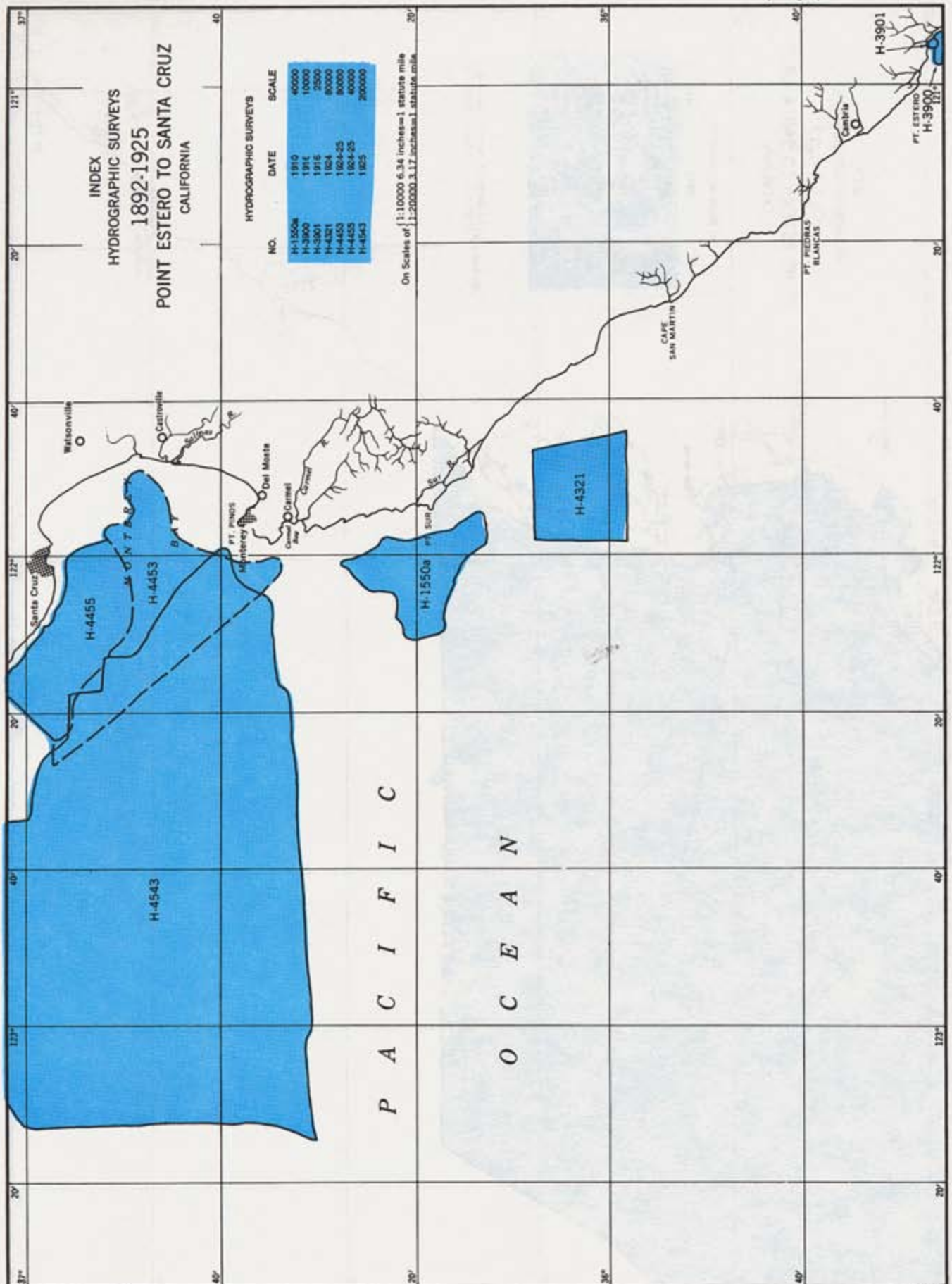
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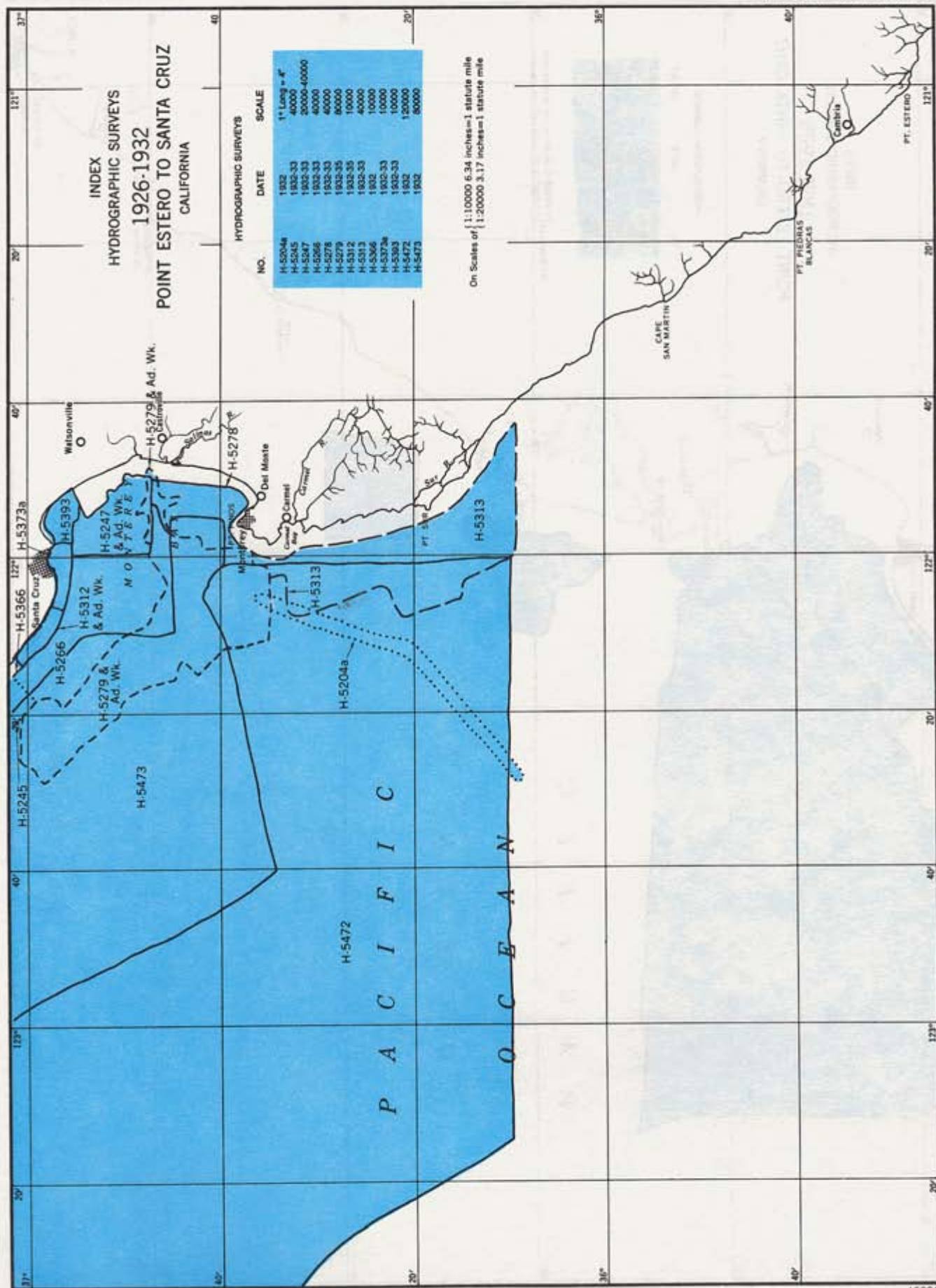


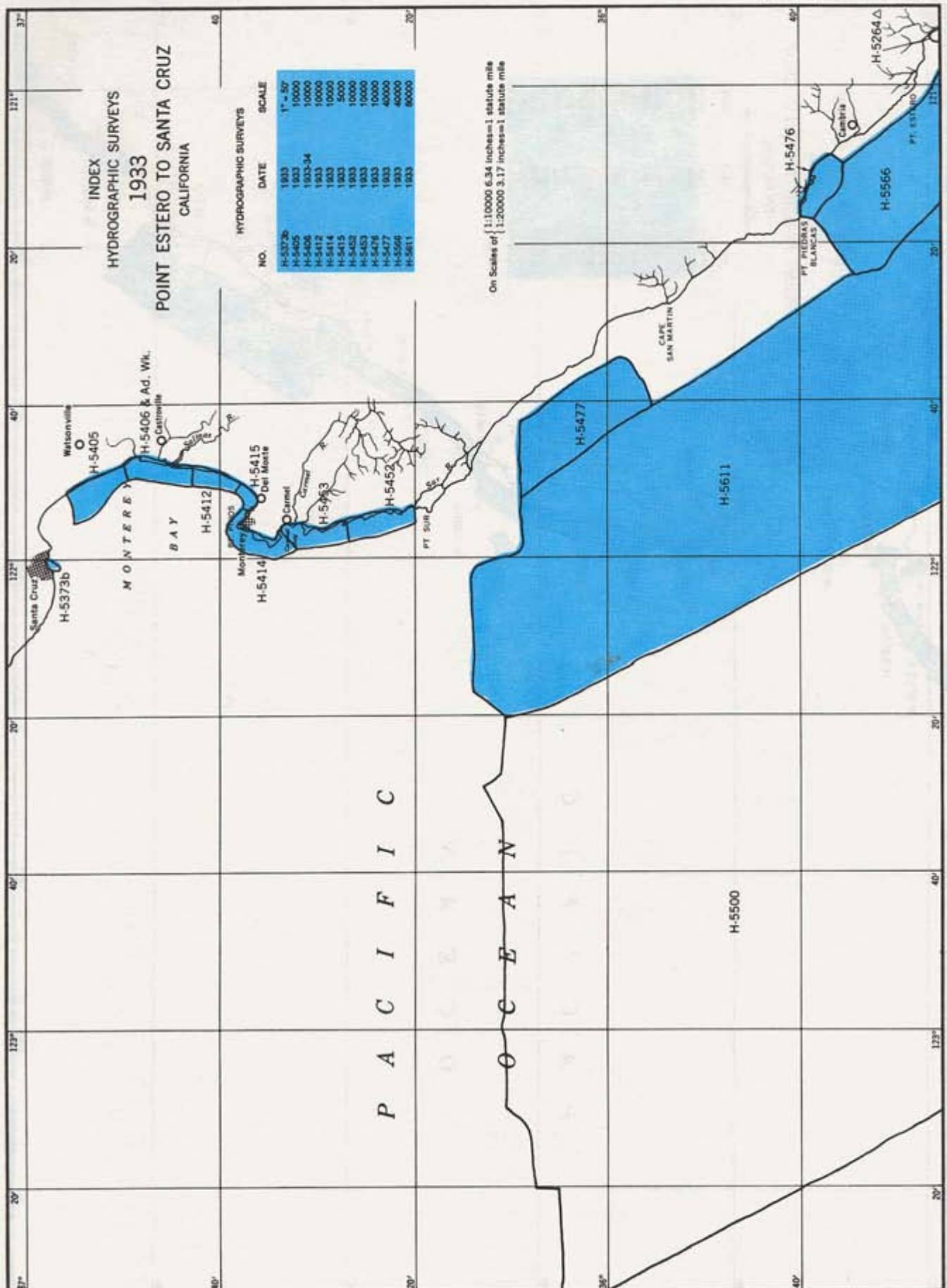




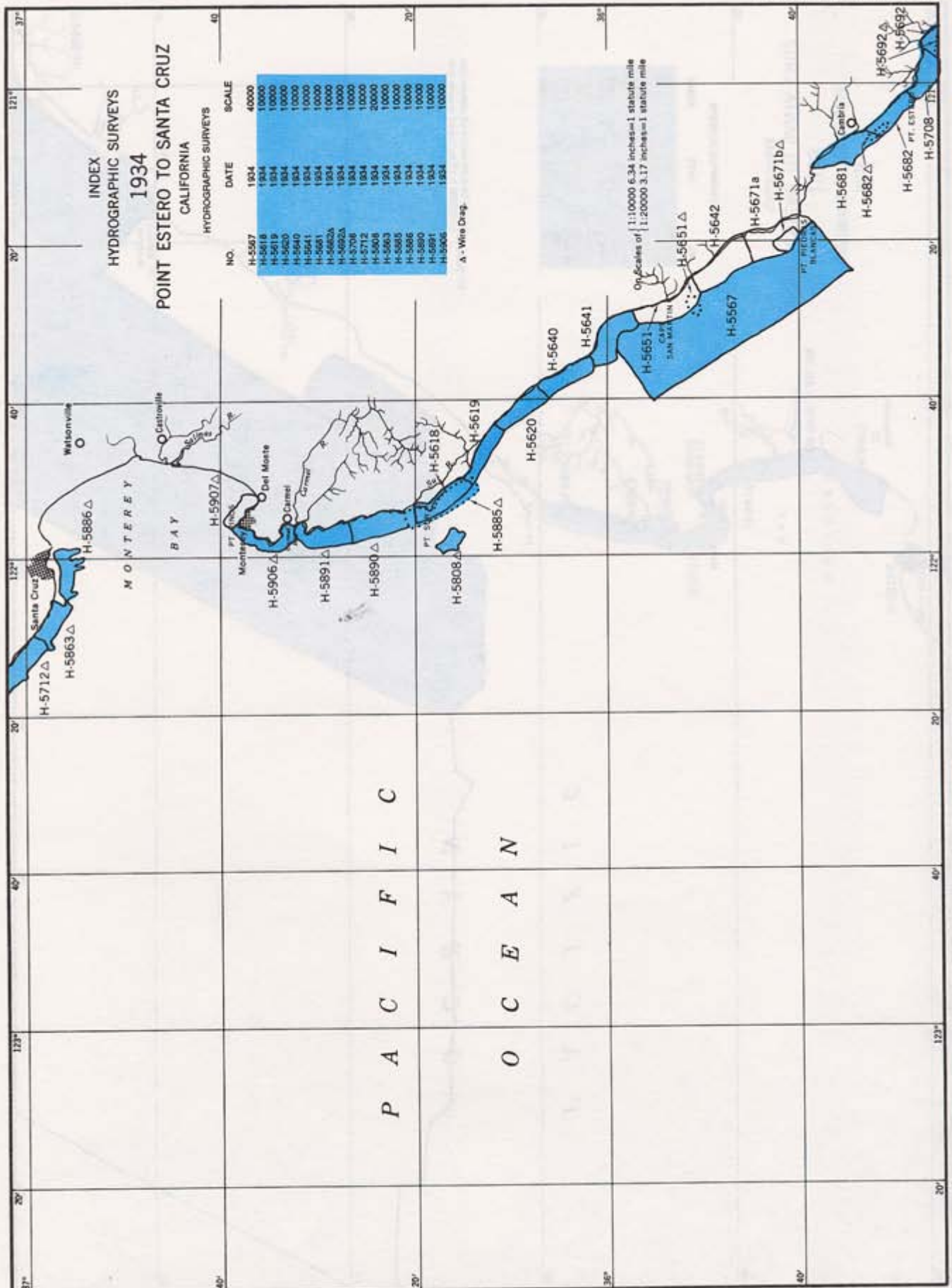








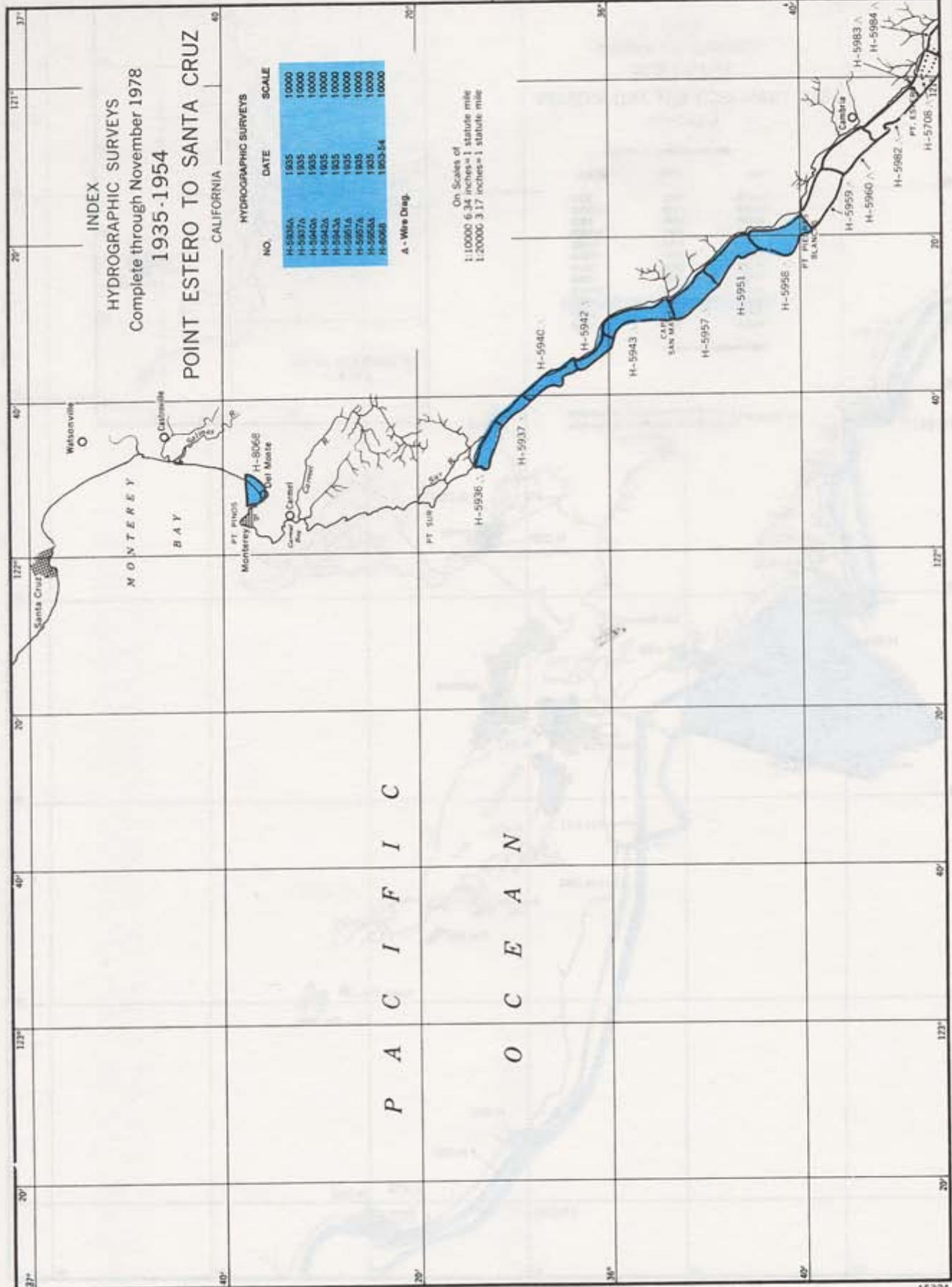




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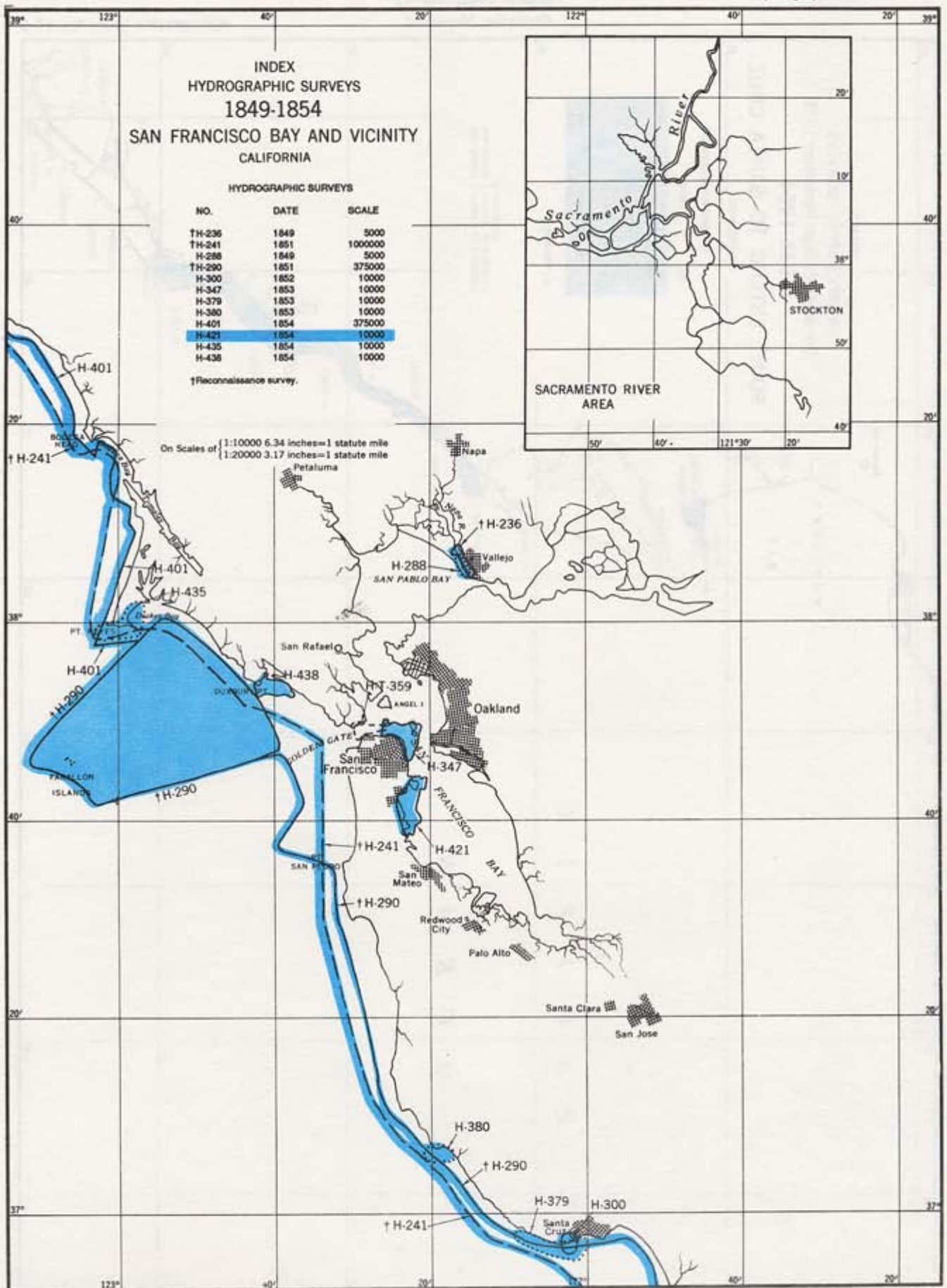
National Ocean Survey  
Rockville, Maryland

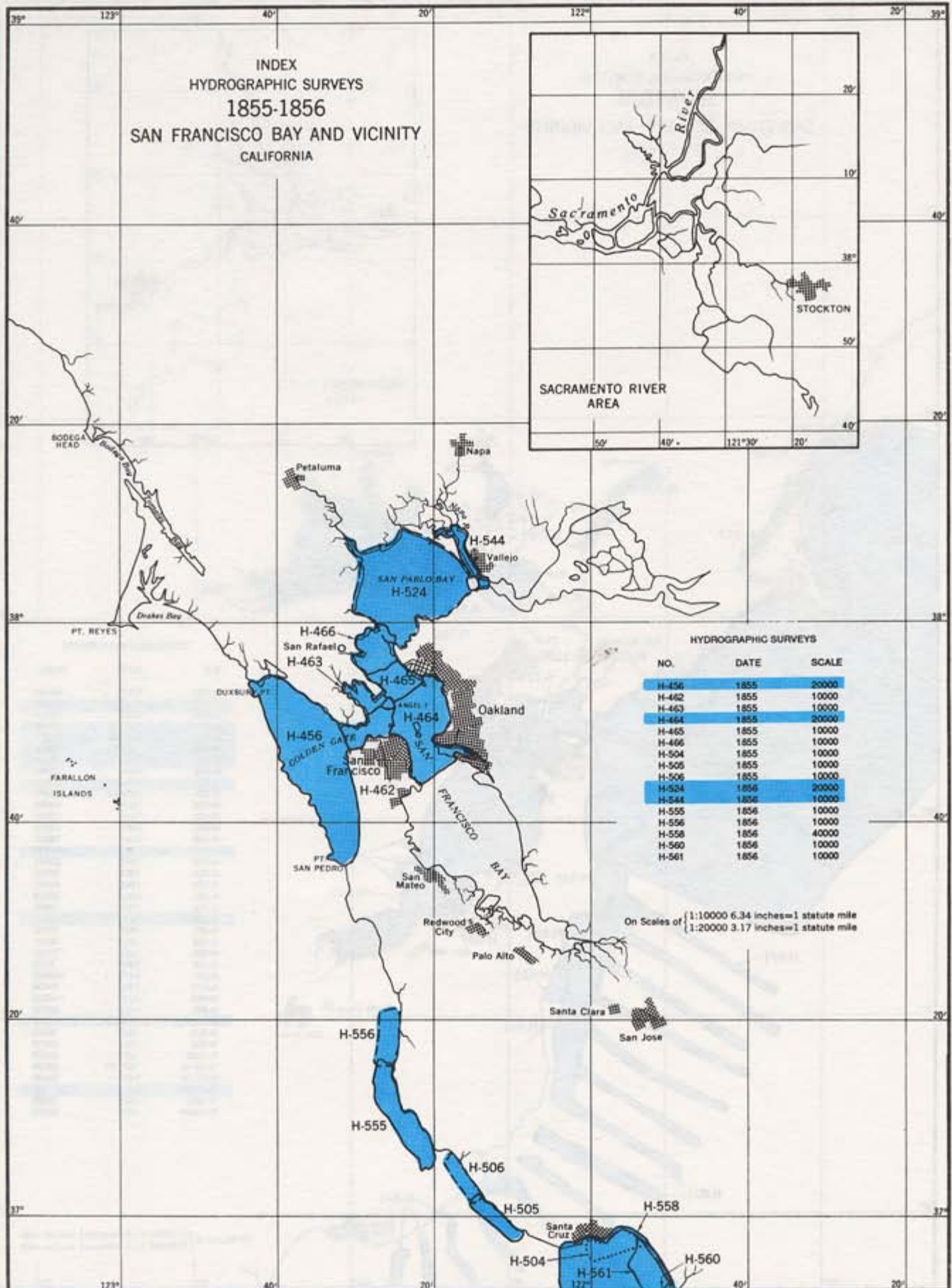
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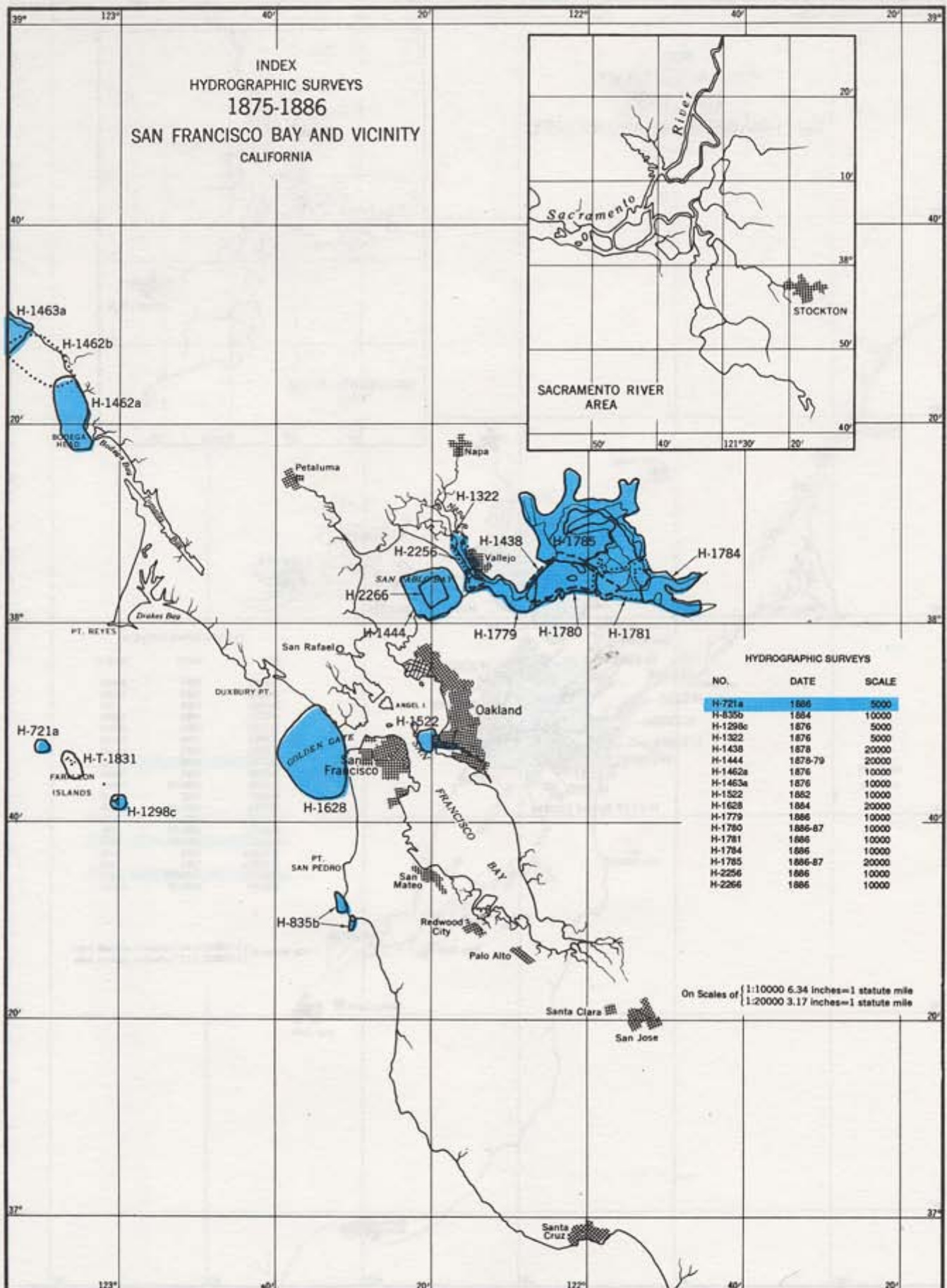




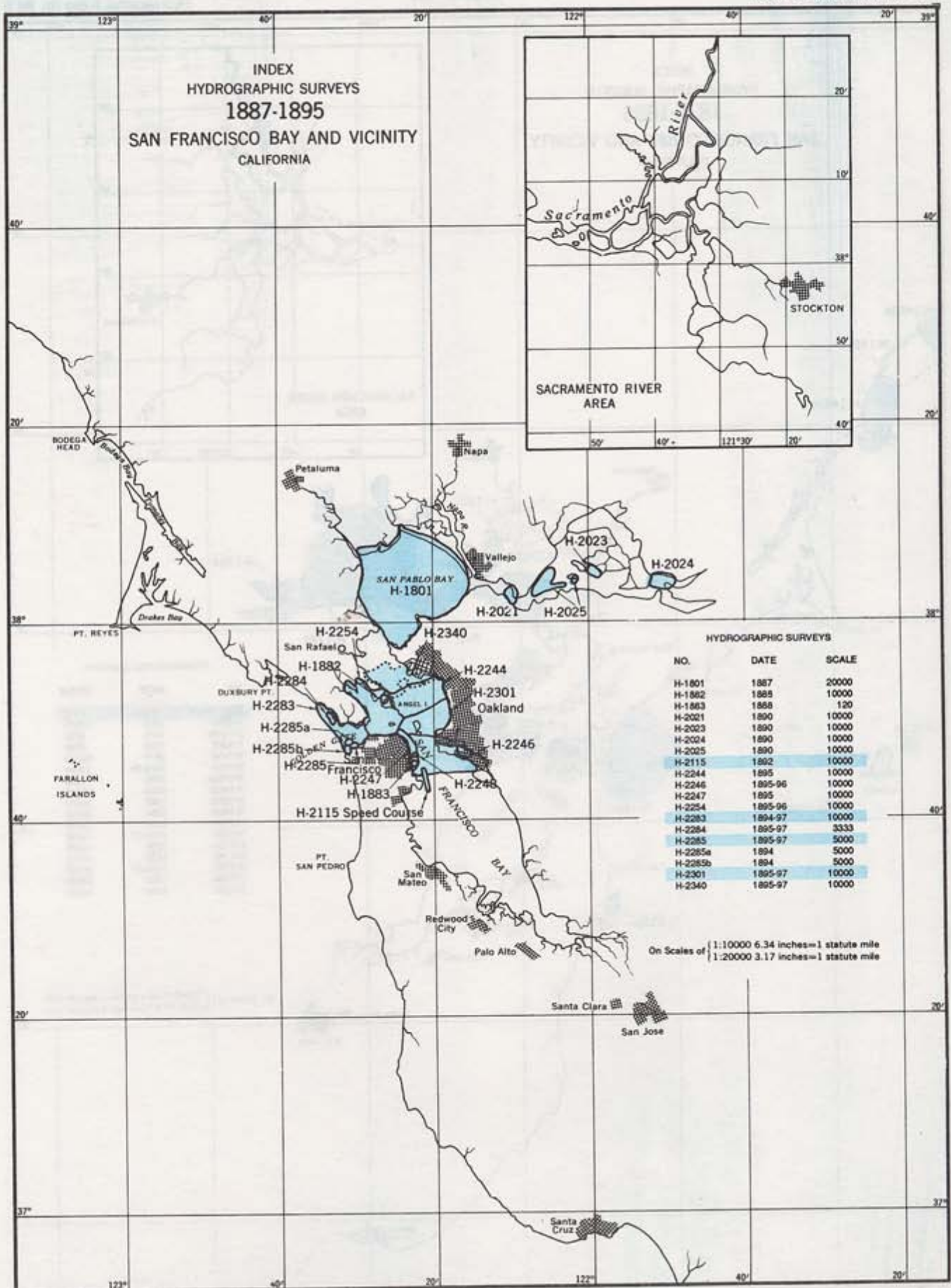


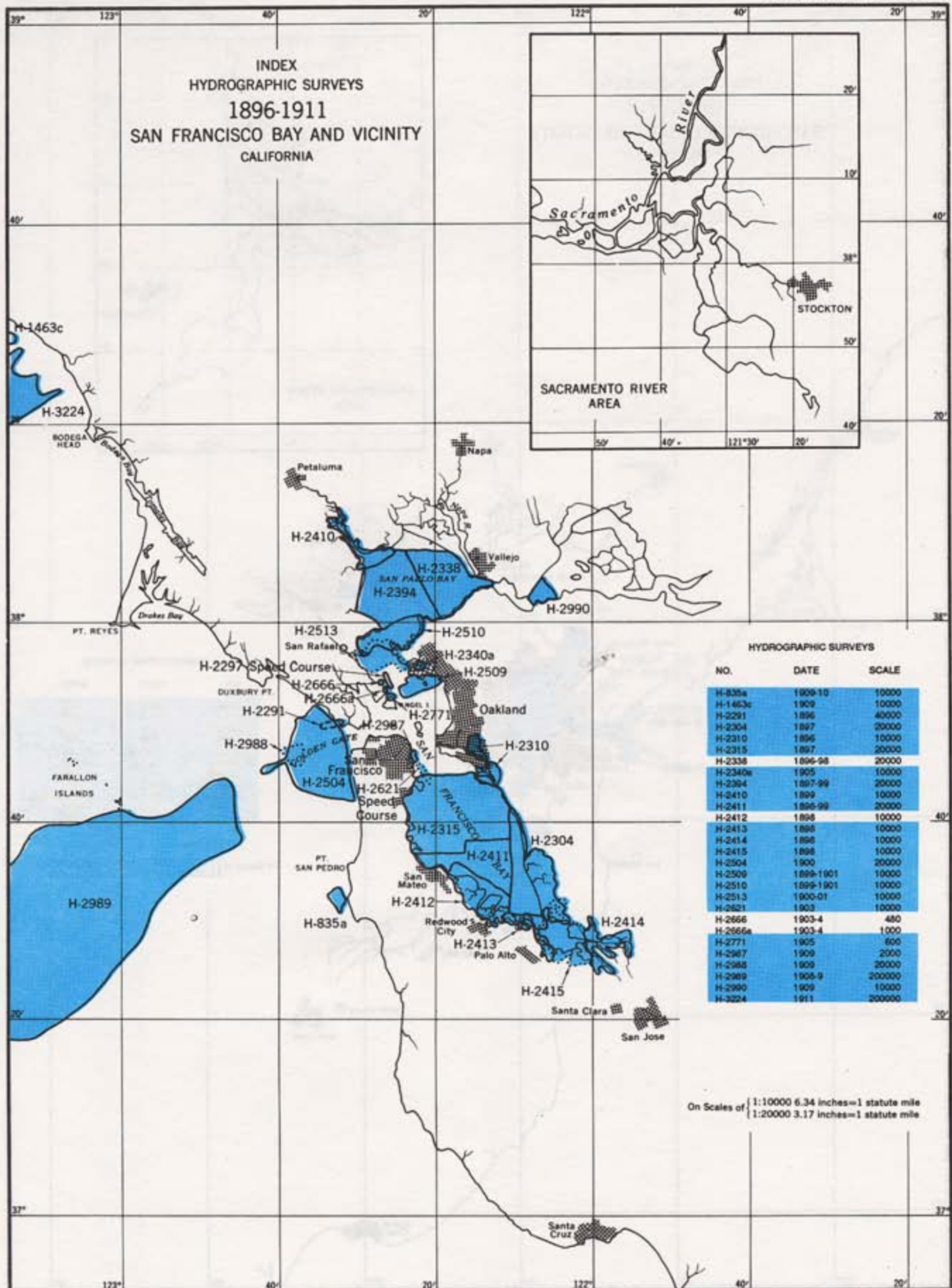




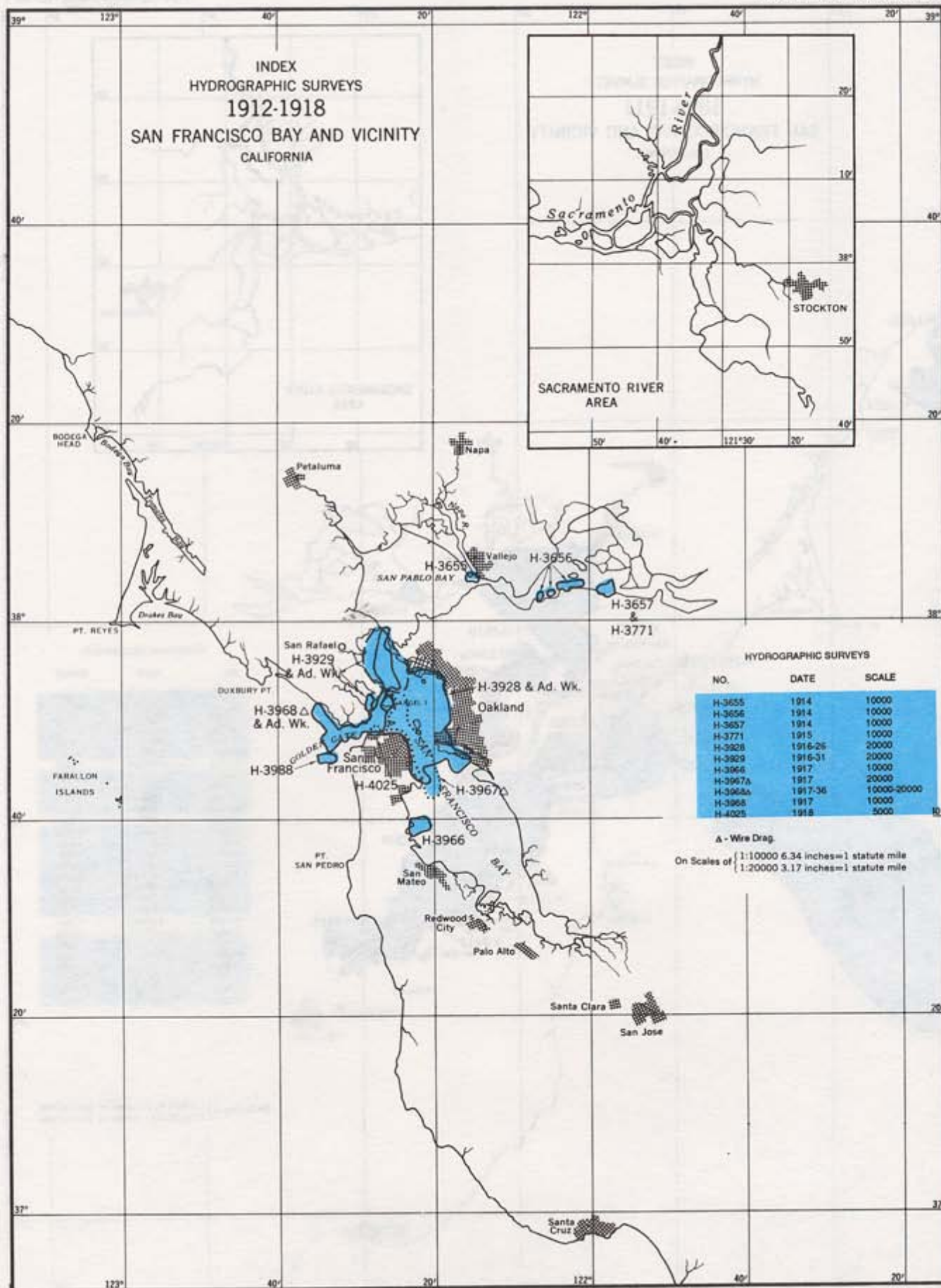


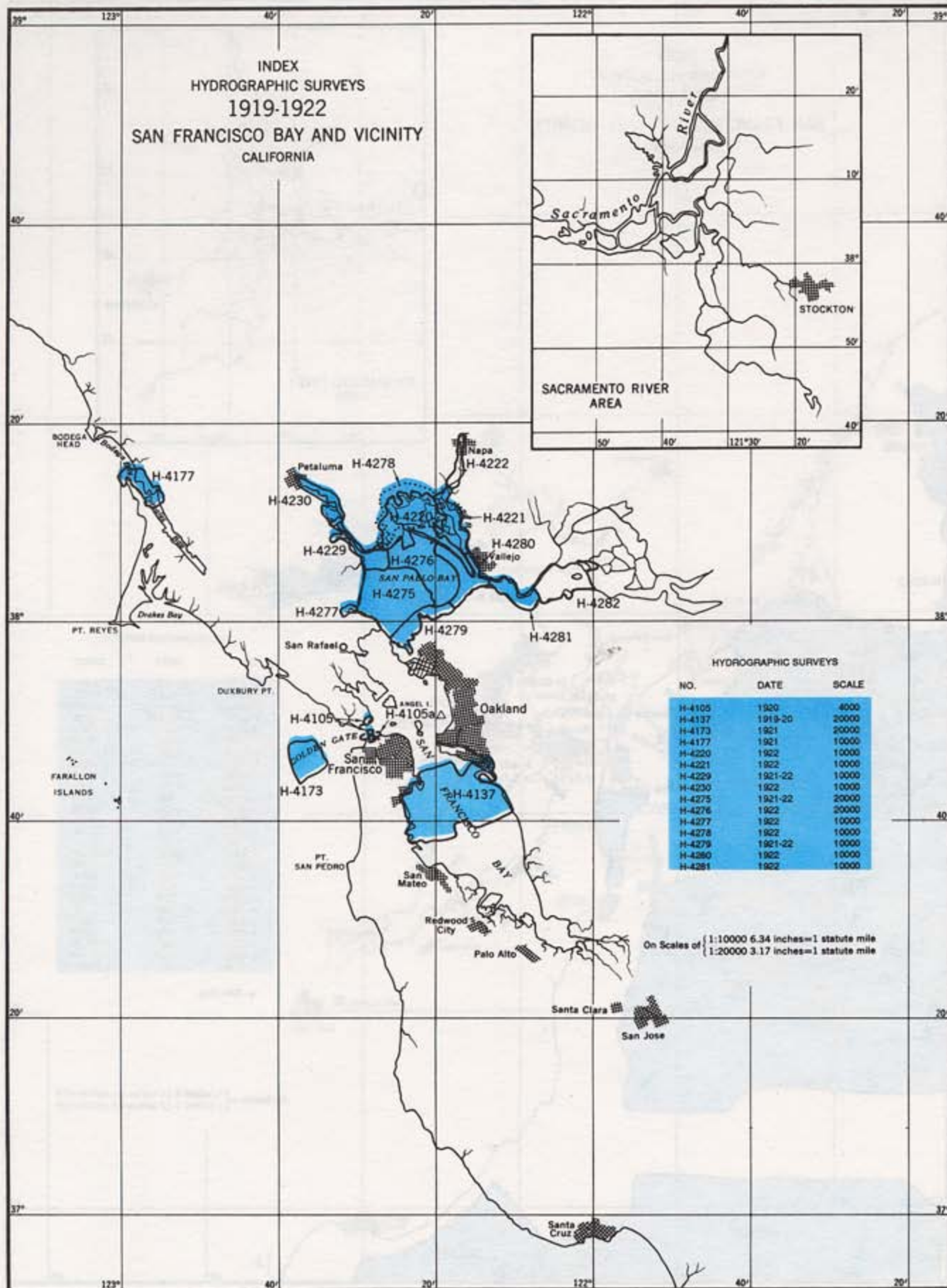




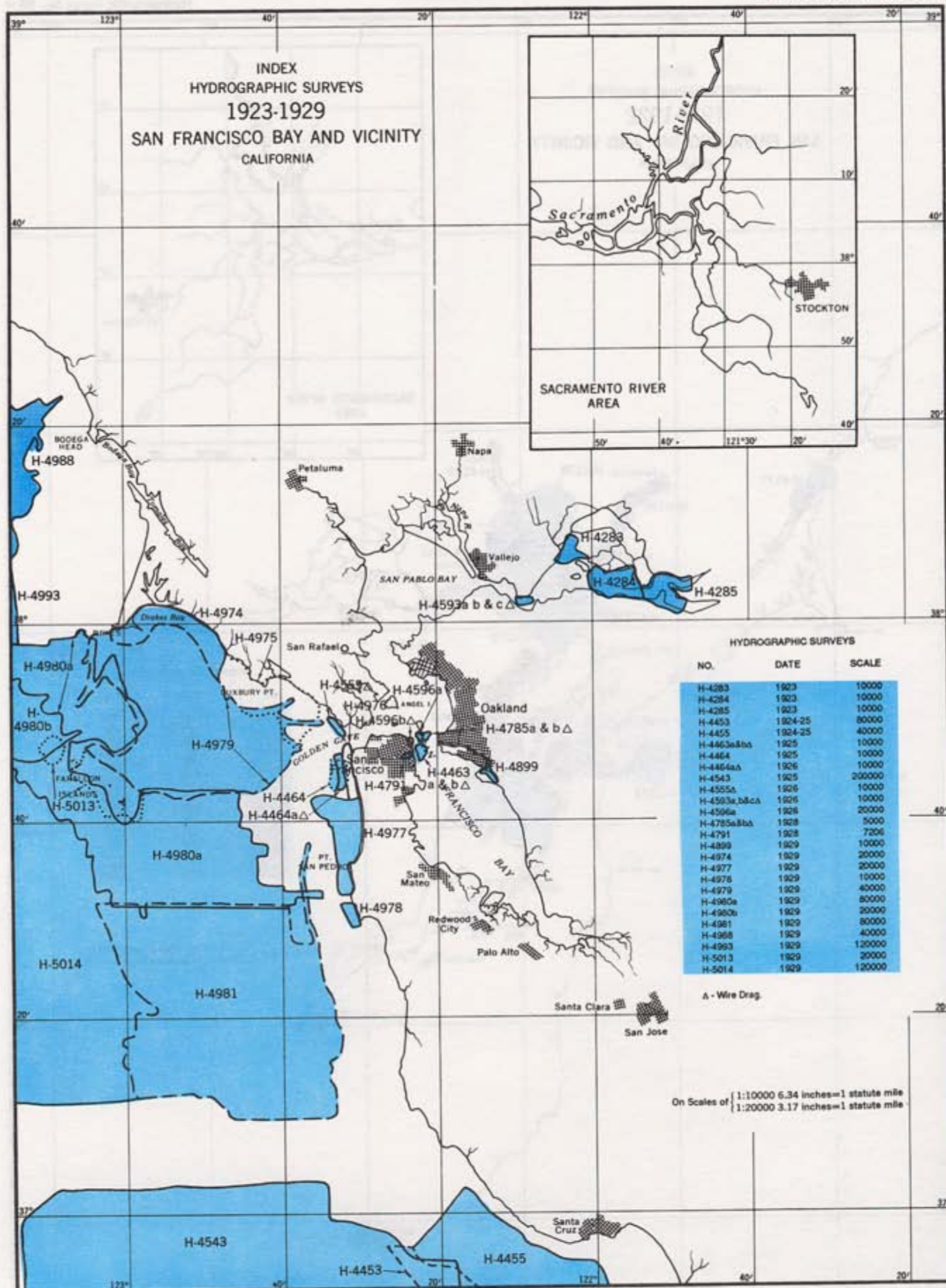












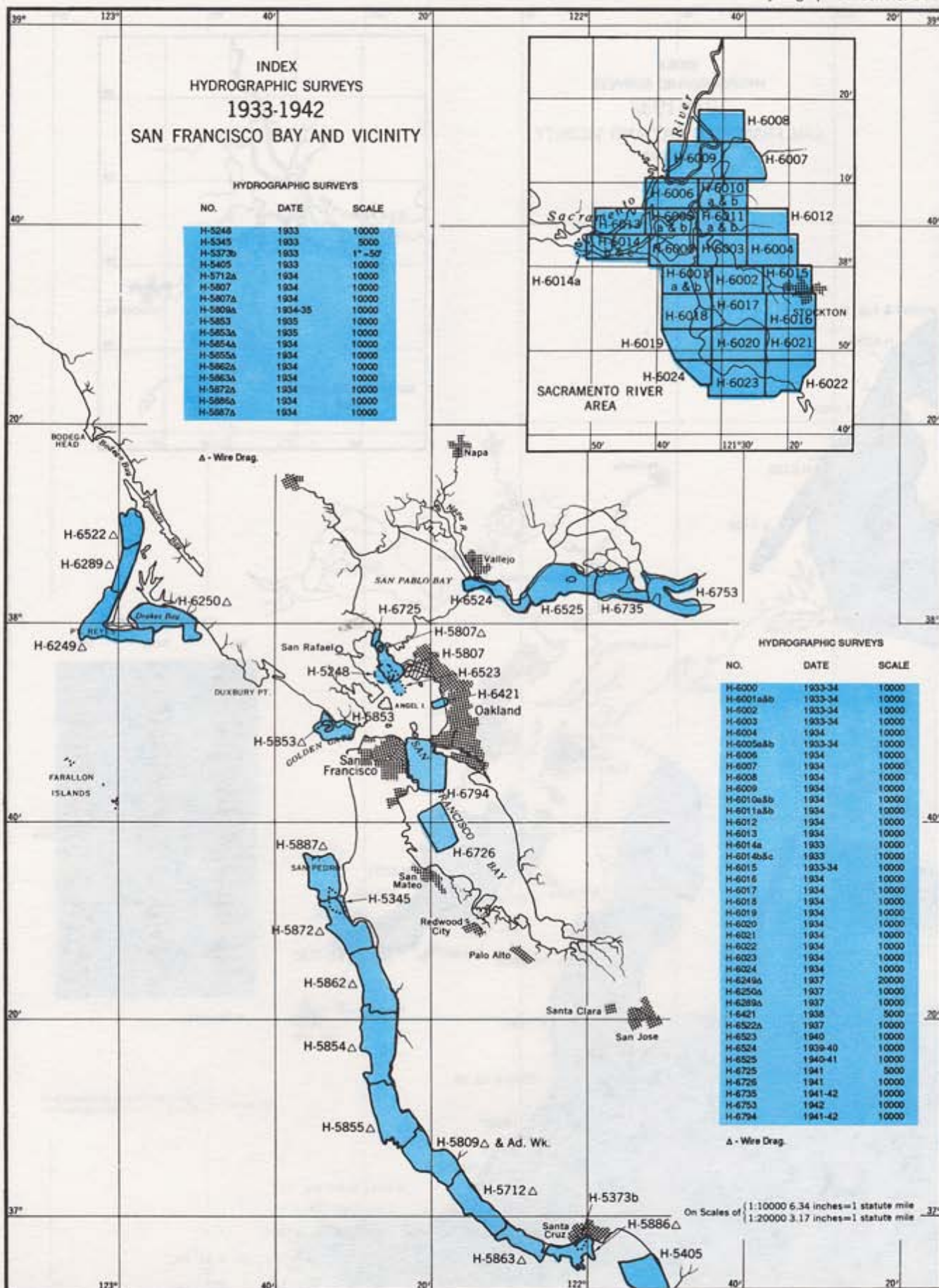
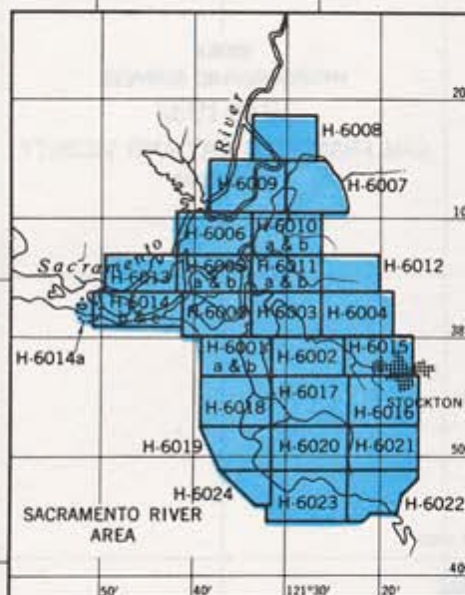




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1933-1942  
SAN FRANCISCO BAY AND VICINITY

HYDROGRAPHIC SURVEYS

NO.	DATE	SCALE
H-5248	1933	10000
H-5345	1933	5000
H-5373b	1933	1"=50'
H-5405	1933	10000
H-5712a	1934	10000
H-5807	1934	10000
H-5807a	1934	10000
H-5809a	1934-35	10000
H-5853	1935	10000
H-5853a	1935	10000
H-5854a	1934	10000
H-5855a	1934	10000
H-5862a	1934	10000
H-5863a	1934	10000
H-5872a	1934	10000
H-5886a	1934	10000
H-5887a	1934	10000



HYDROGRAPHIC SURVEYS

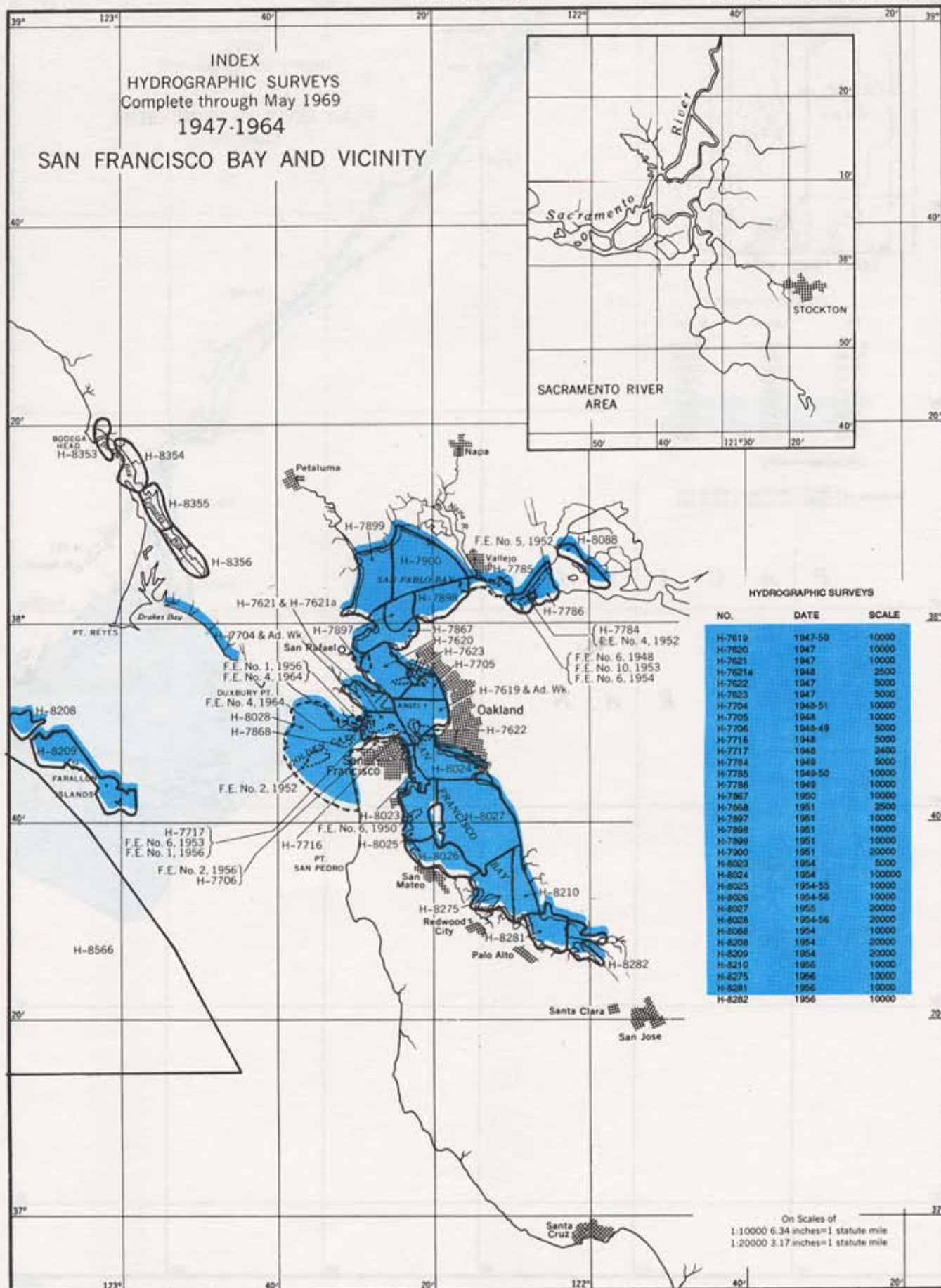
NO.	DATE	SCALE
H-6000	1933-34	10000
H-6001a&b	1933-34	10000
H-6002	1933-34	10000
H-6003	1933-34	10000
H-6004	1934	10000
H-6005a&b	1933-34	10000
H-6006	1934	10000
H-6007	1934	10000
H-6008	1934	10000
H-6009	1934	10000
H-6010a&b	1934	10000
H-6011a&b	1934	10000
H-6012	1934	10000
H-6013	1934	10000
H-6014a	1933	10000
H-6014b&c	1933	10000
H-6015	1933-34	10000
H-6016	1934	10000
H-6017	1934	10000
H-6018	1934	10000
H-6019	1934	10000
H-6020	1934	10000
H-6021	1934	10000
H-6022	1934	10000
H-6023	1934	10000
H-6024	1934	10000
H-6249a	1937	20000
H-6250a	1937	10000
H-6289a	1937	10000
H-6421	1938	5000
H-6522a	1937	10000
H-6523	1940	10000
H-6524	1939-40	10000
H-6525	1940-41	10000
H-6725	1941	5000
H-6726	1941	10000
H-6735	1941-42	10000
H-6753	1942	10000
H-6794	1941-42	10000

Δ - Wire Drag.

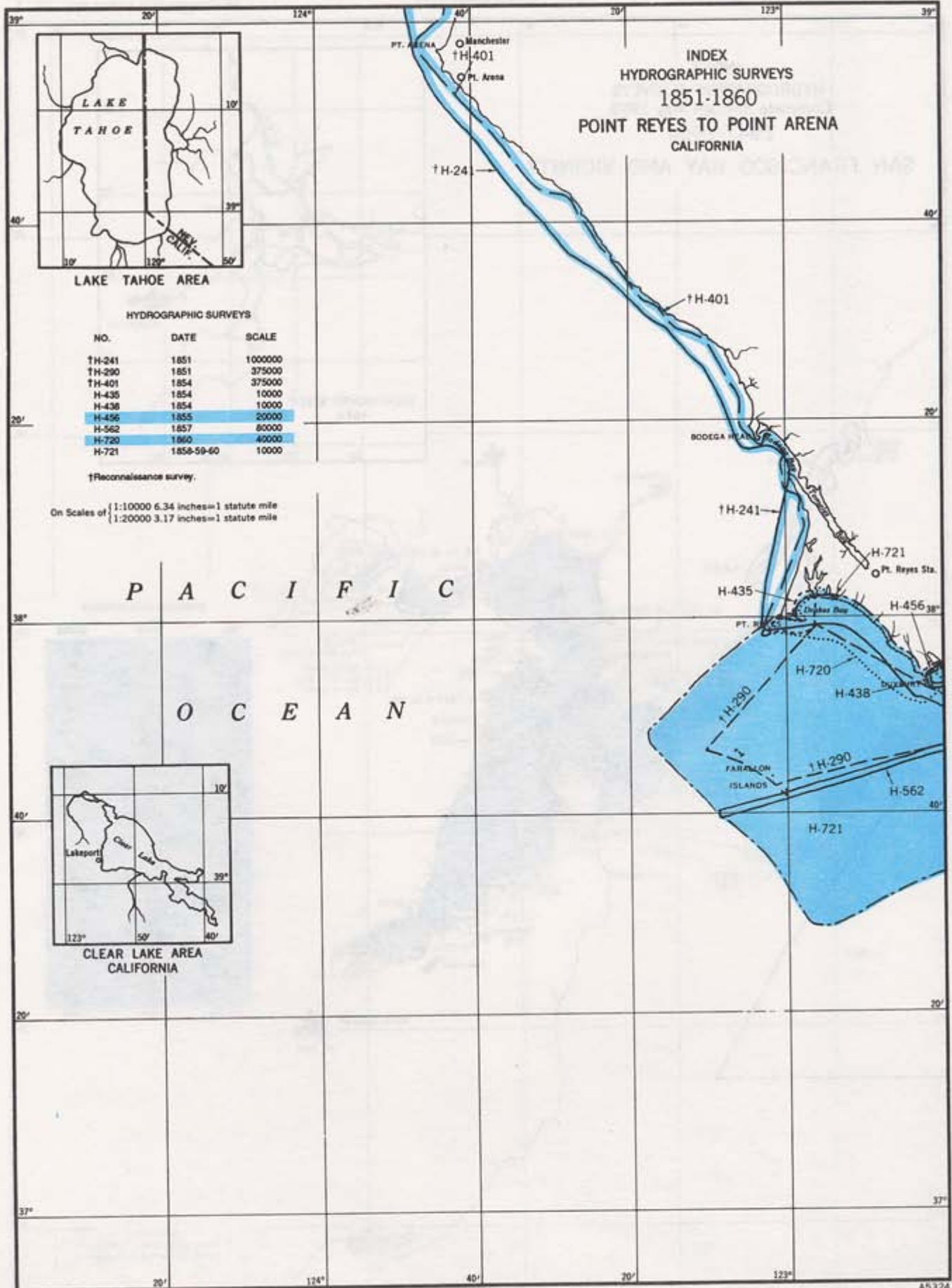
On Scales of  
1:10000 6.34 inches=1 statute mile  
1:20000 3.17 inches=1 statute mile

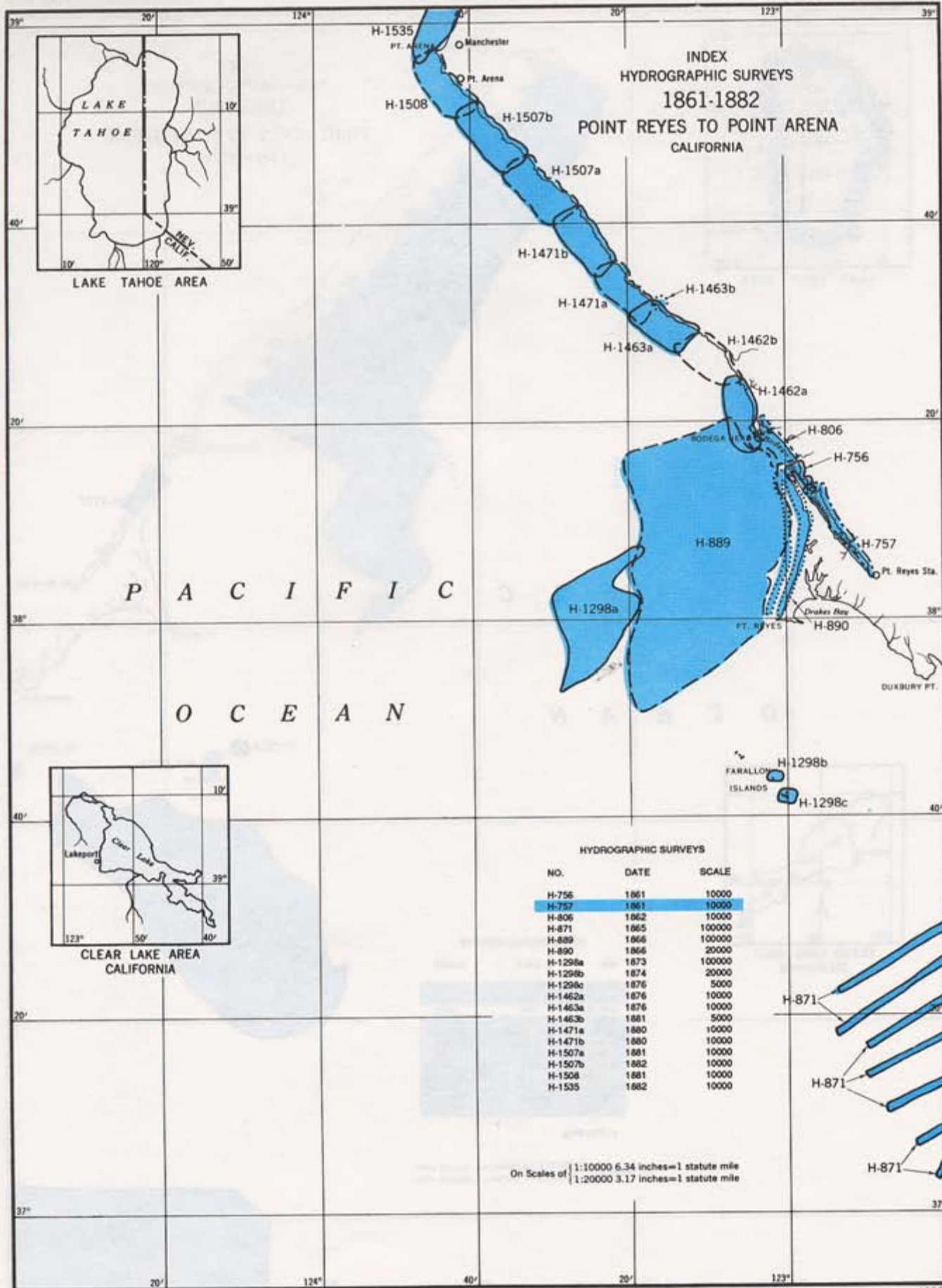
DEPARTMENT OF COMMERCE  
Environmental Science Services Administration  
U.S. Coast and Geodetic Survey  
Washington, D.C.

Hydrographic Index No. 96 L

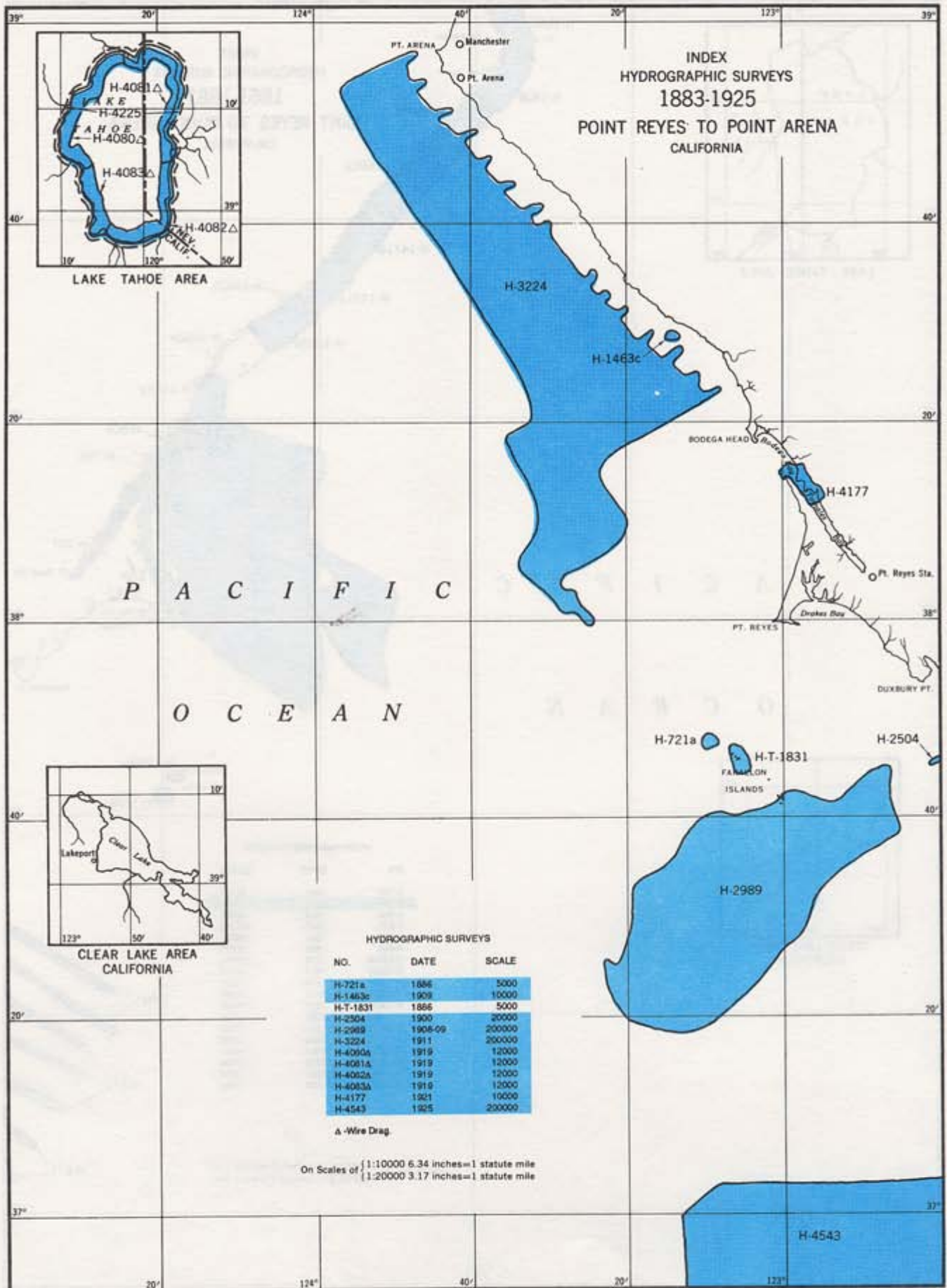


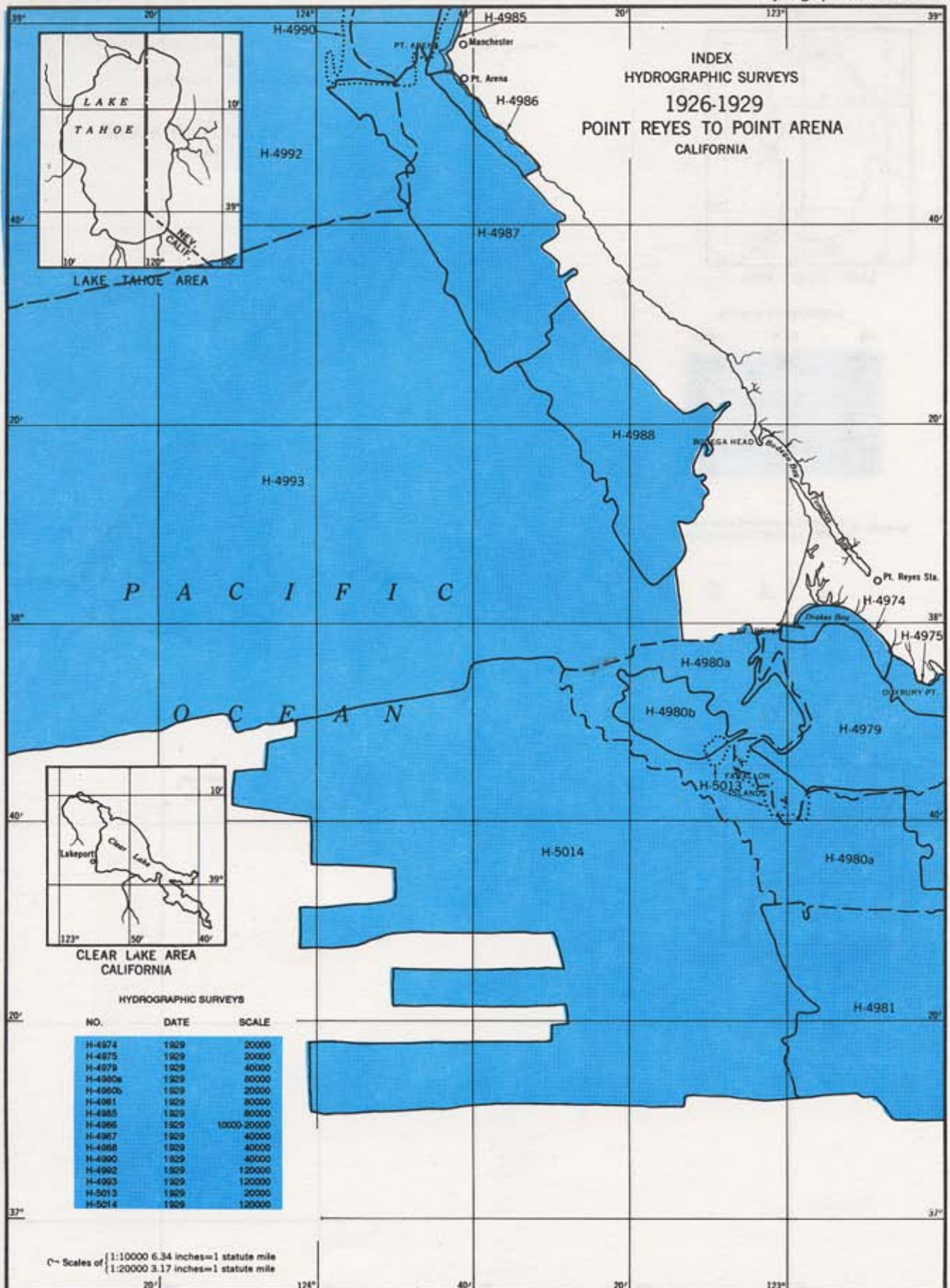




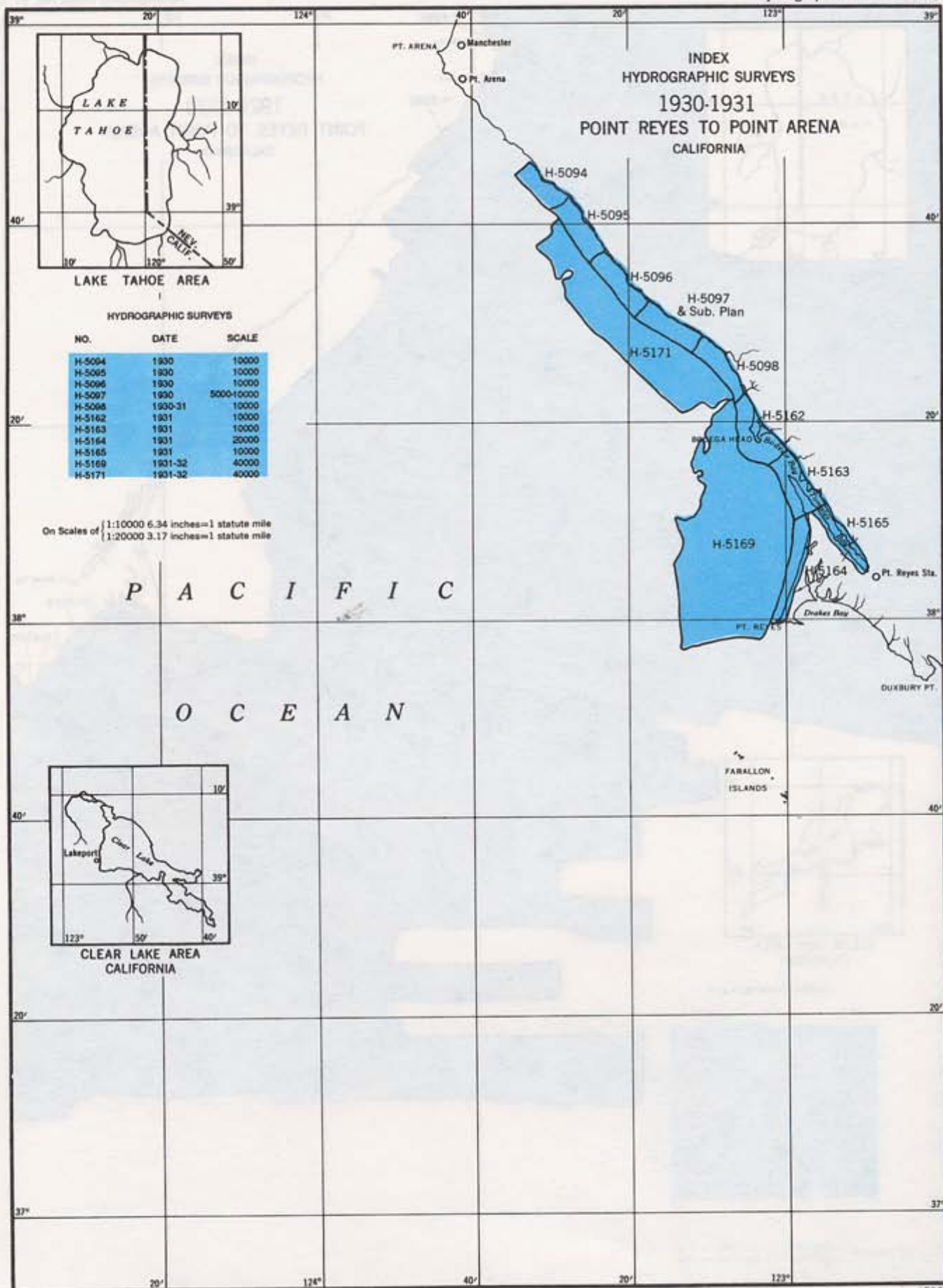






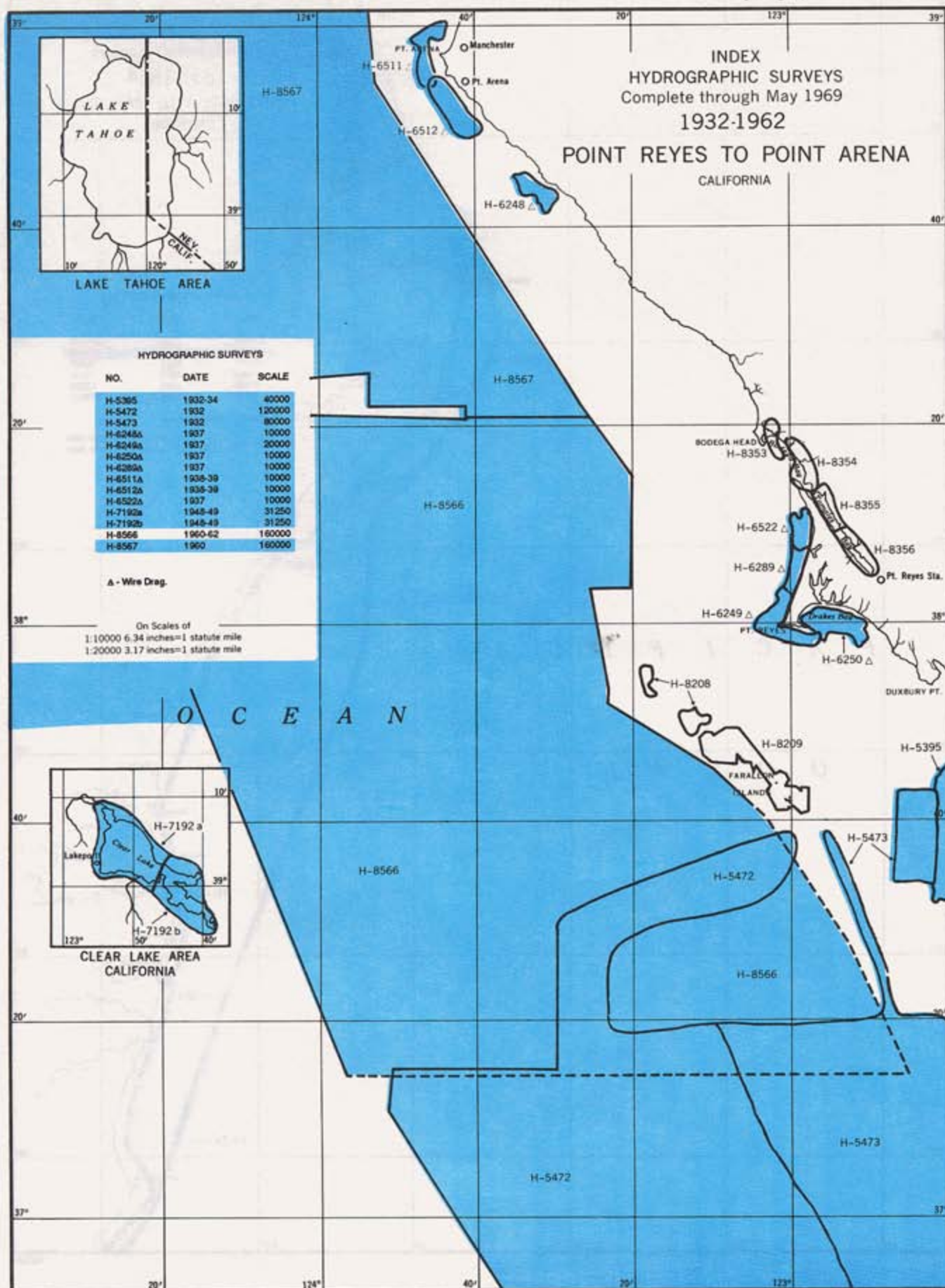




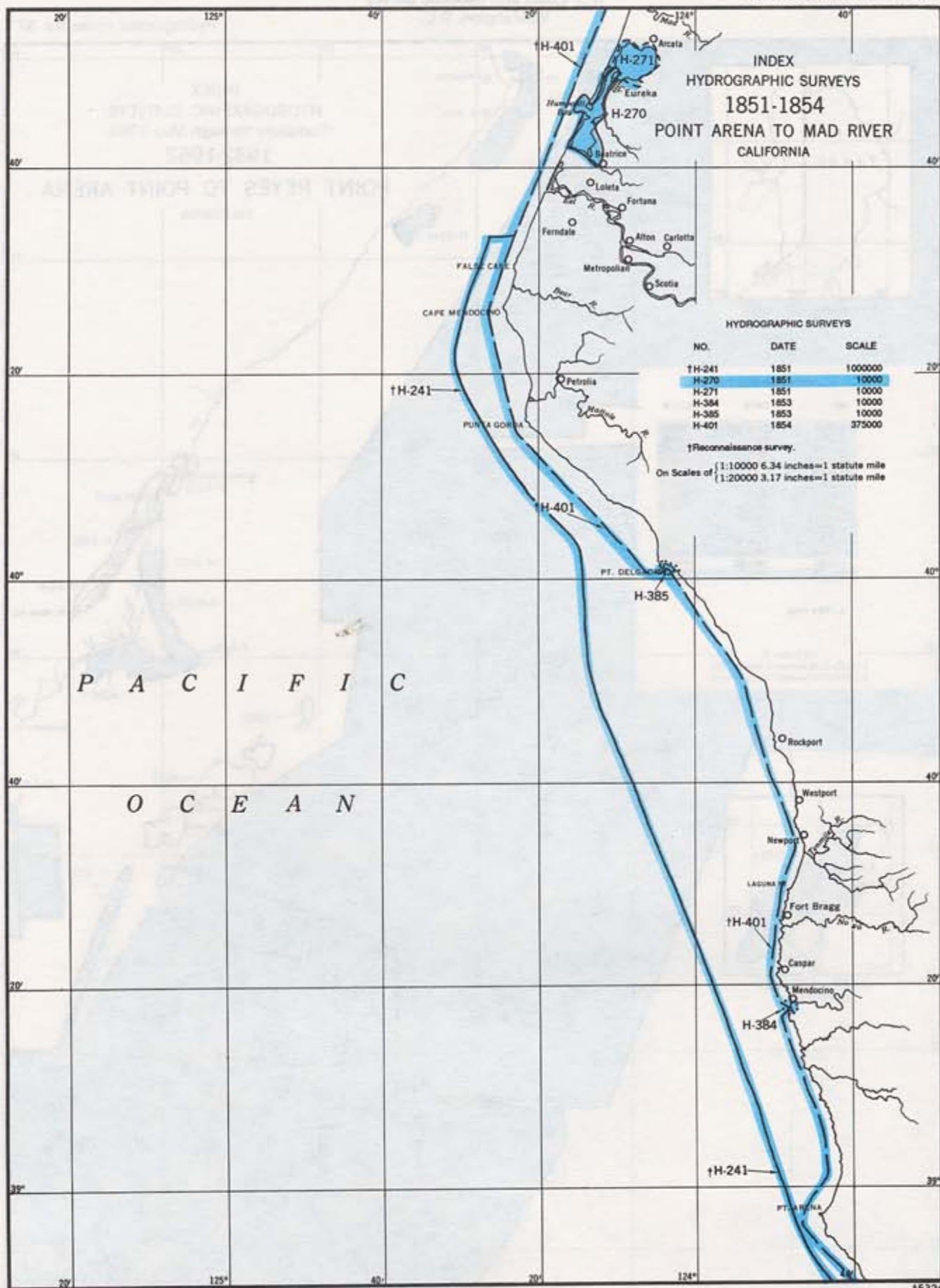


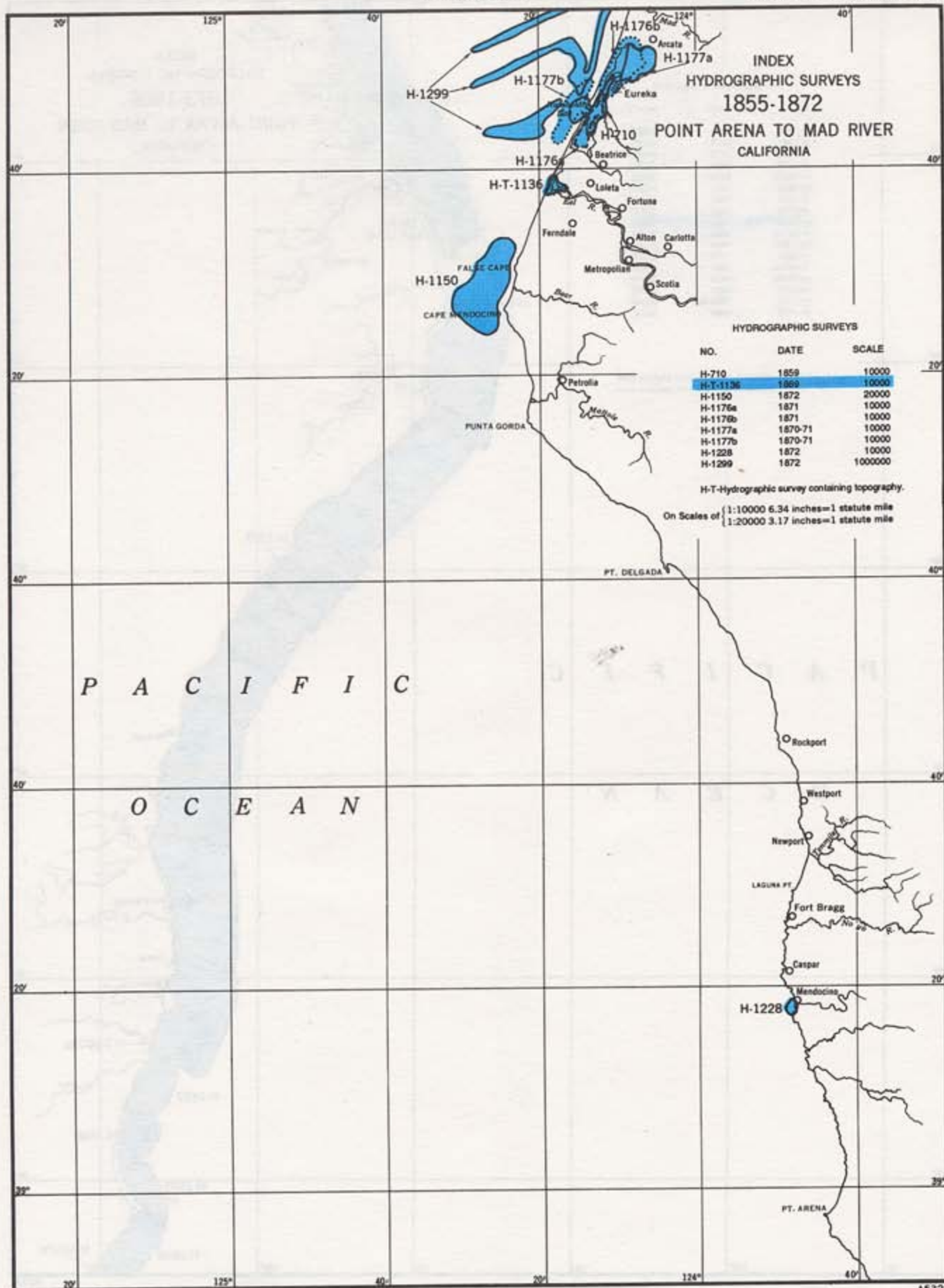
DEPARTMENT OF COMMERCE  
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U.S. Coast and Geodetic Survey  
Washington, D.C.

Hydrographic Index No. 97 F

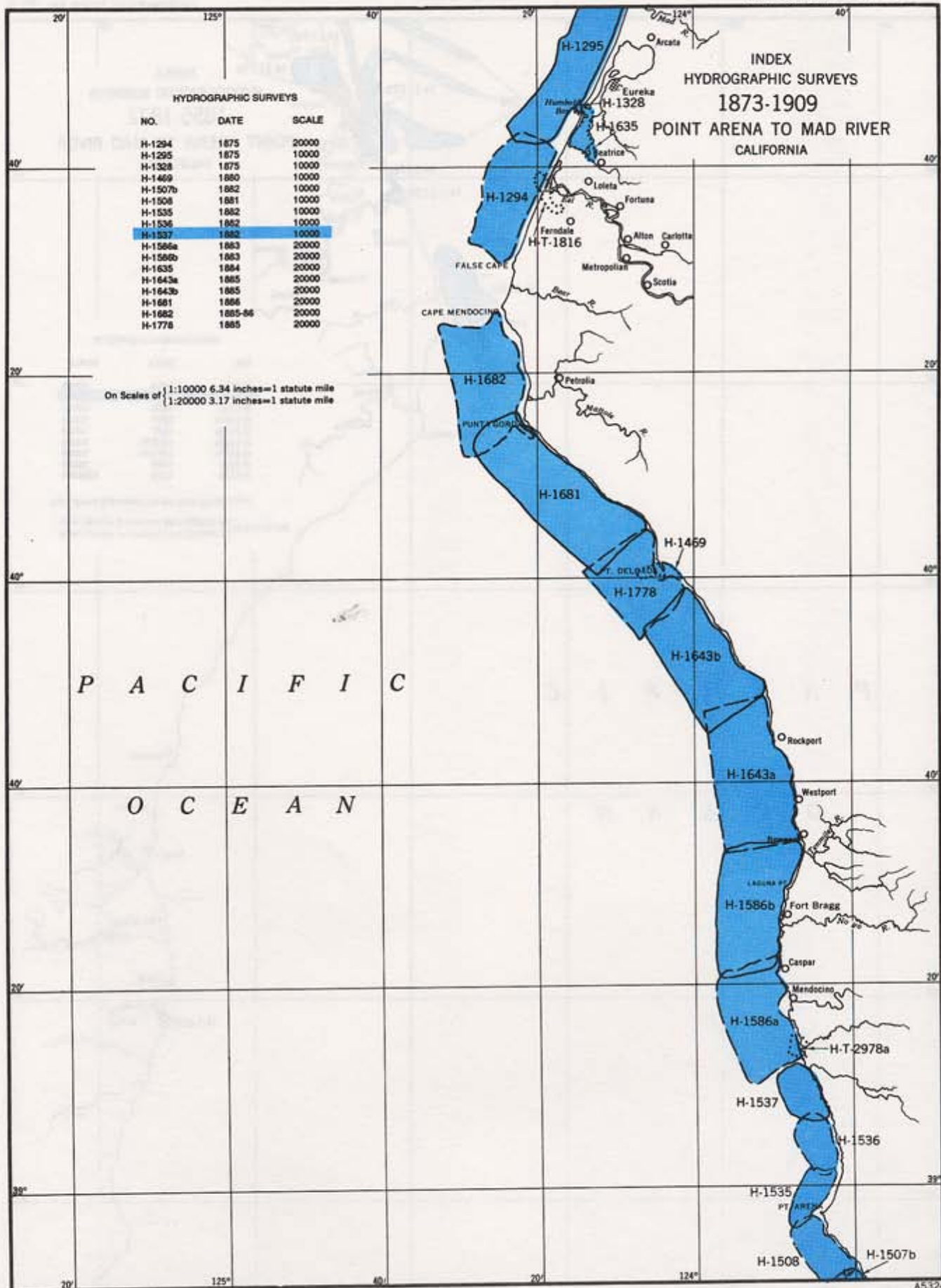


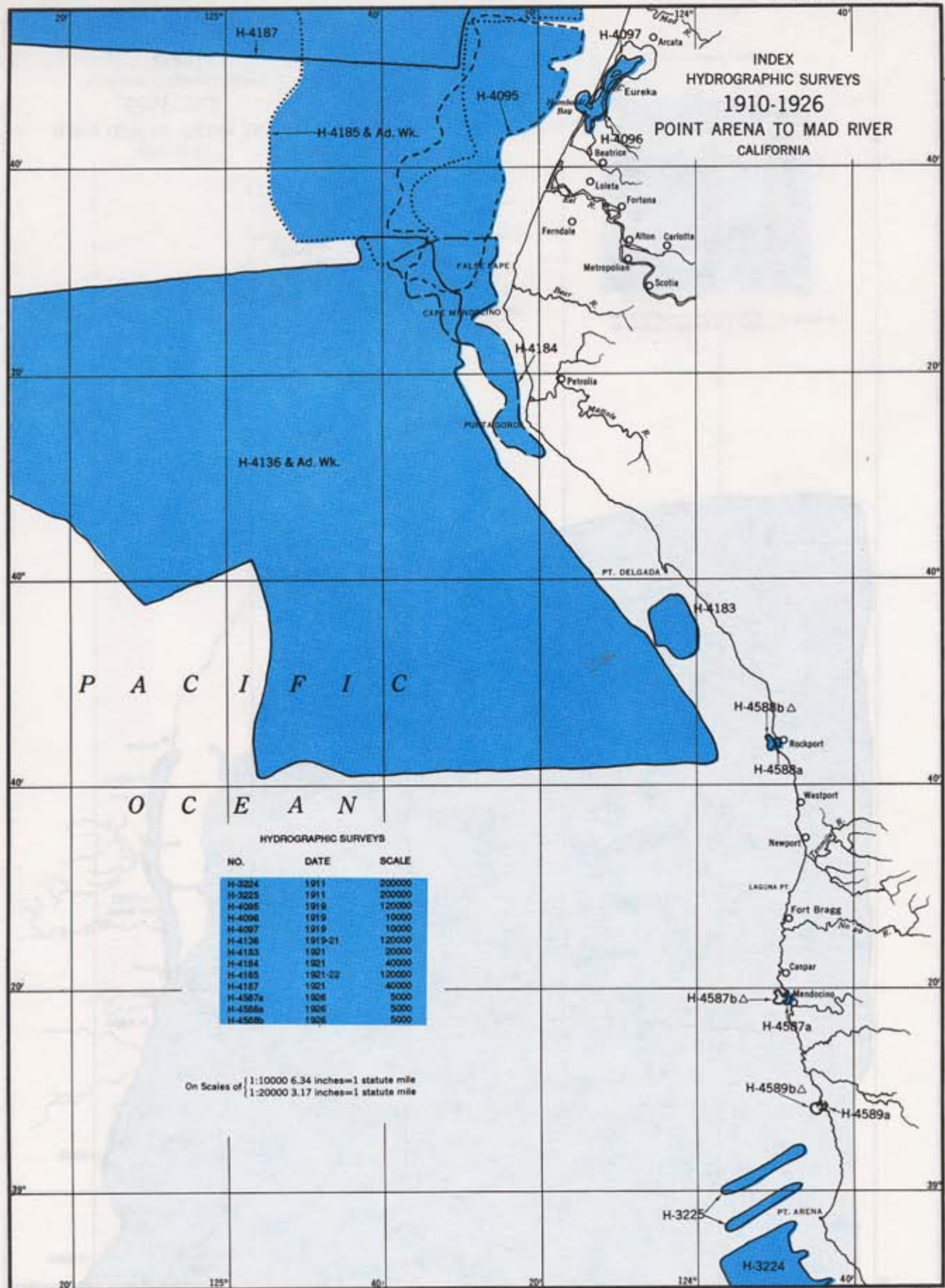




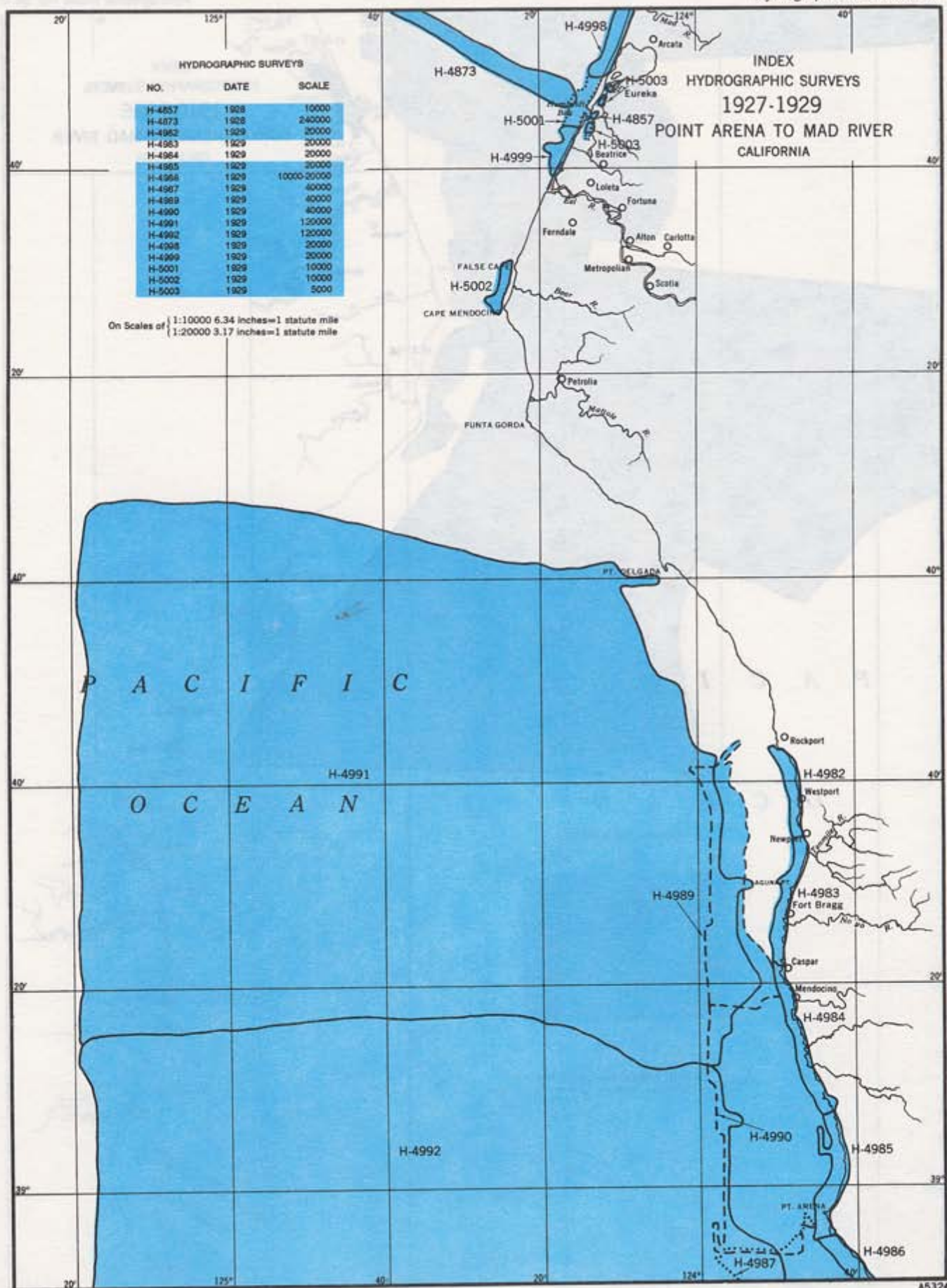


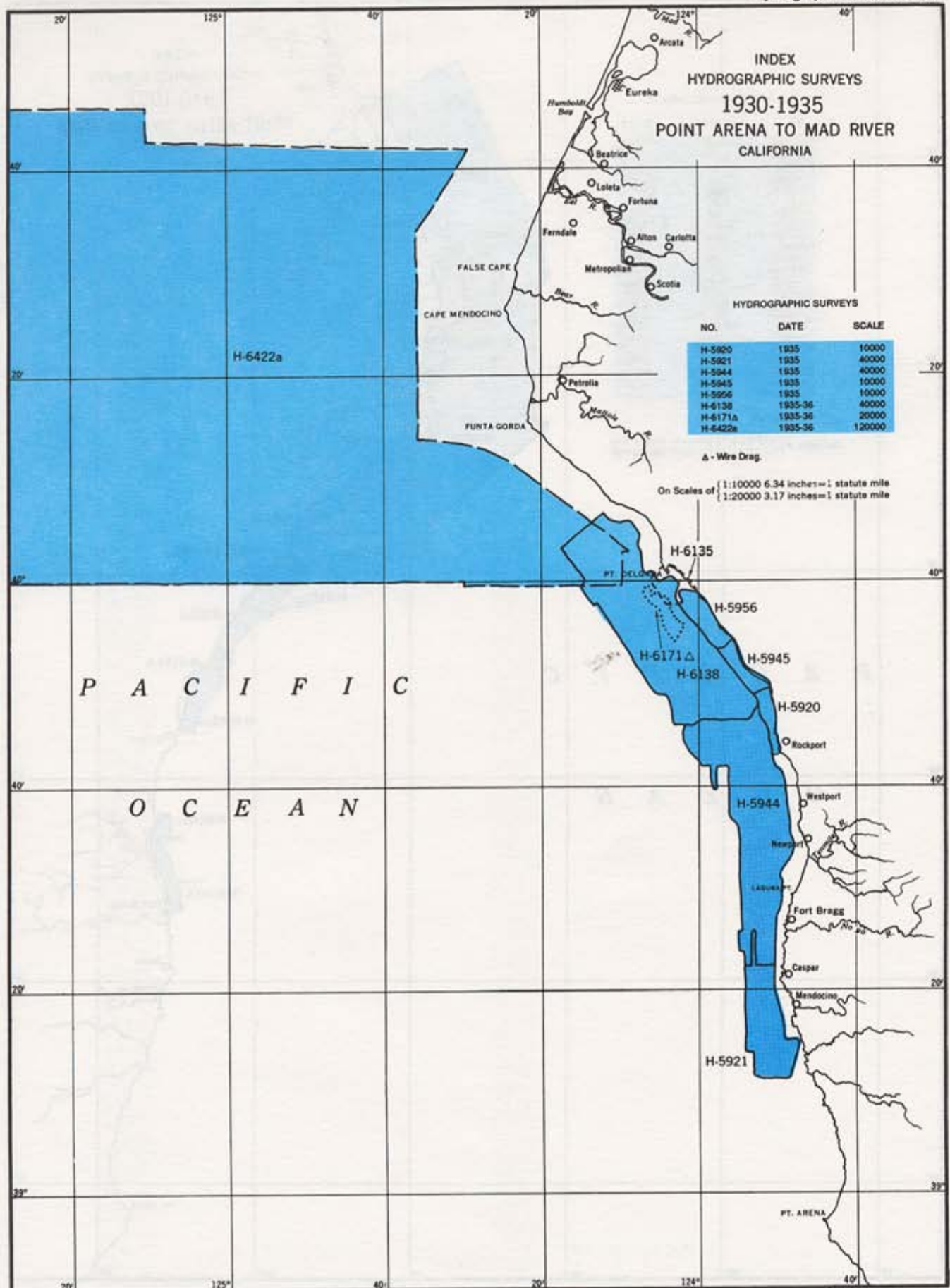




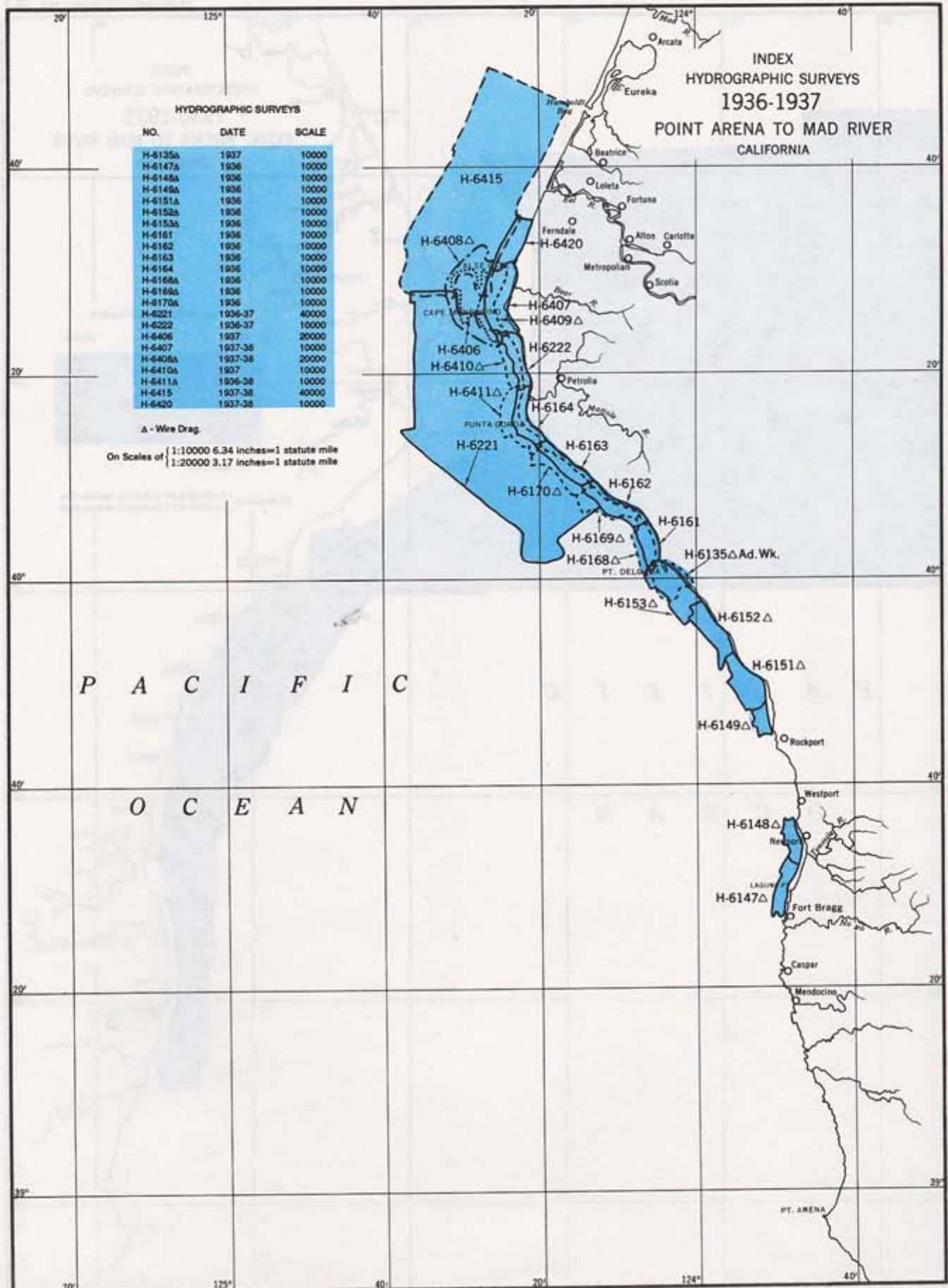






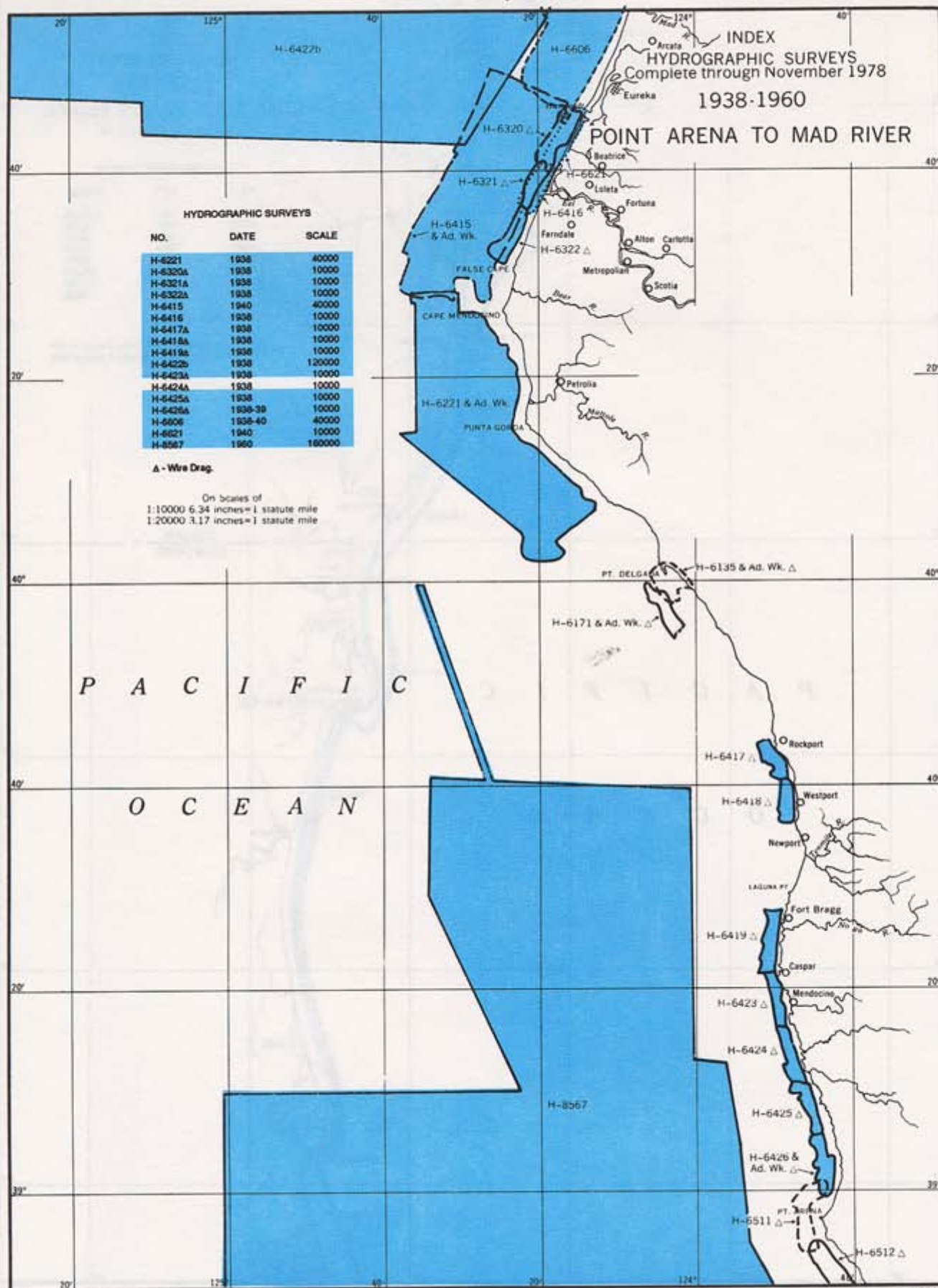






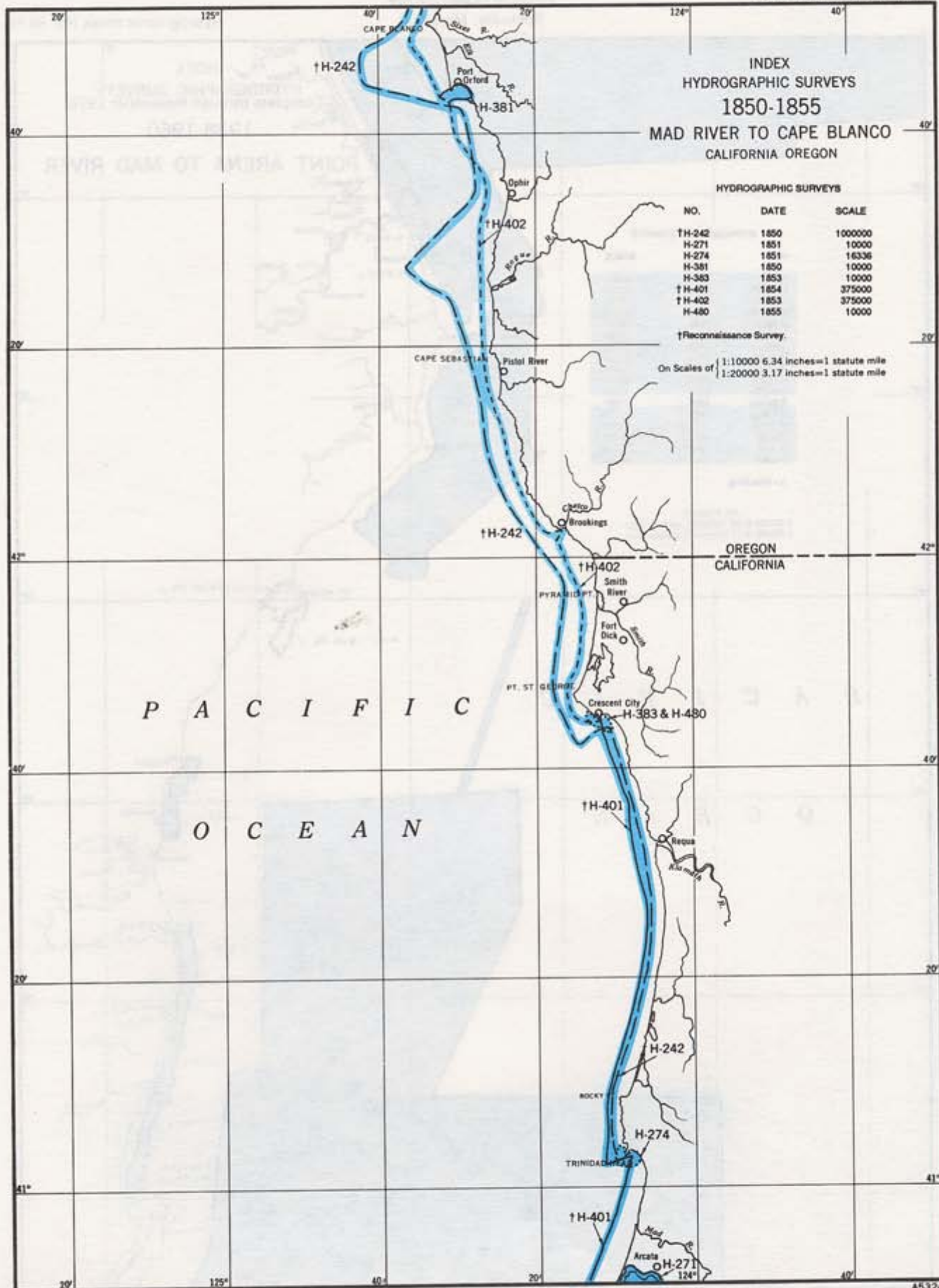
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National Oceanic and Atmospheric Administration  
National Ocean Survey  
Rockville, Maryland

Hydrographic Index No. 98 H

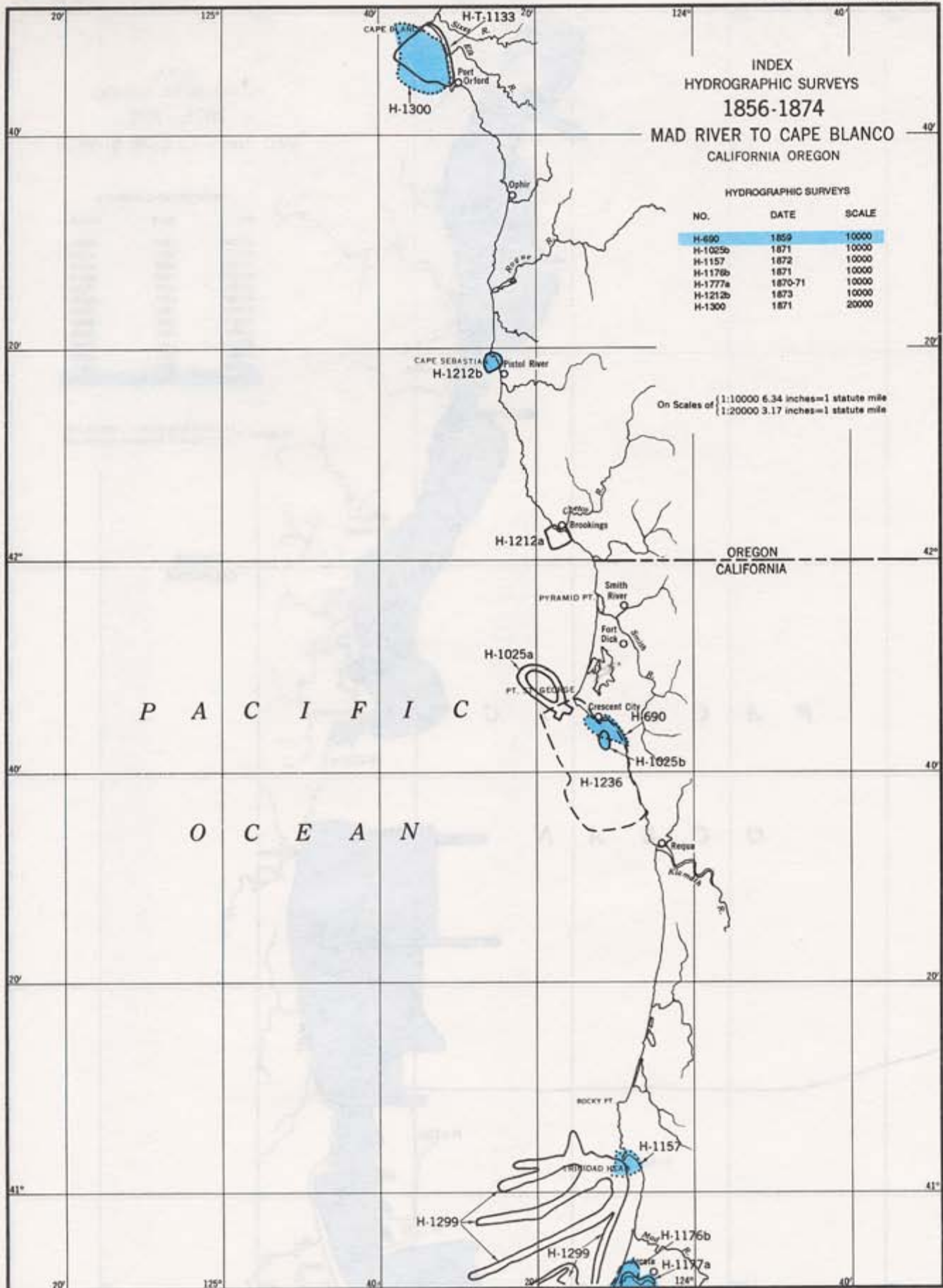


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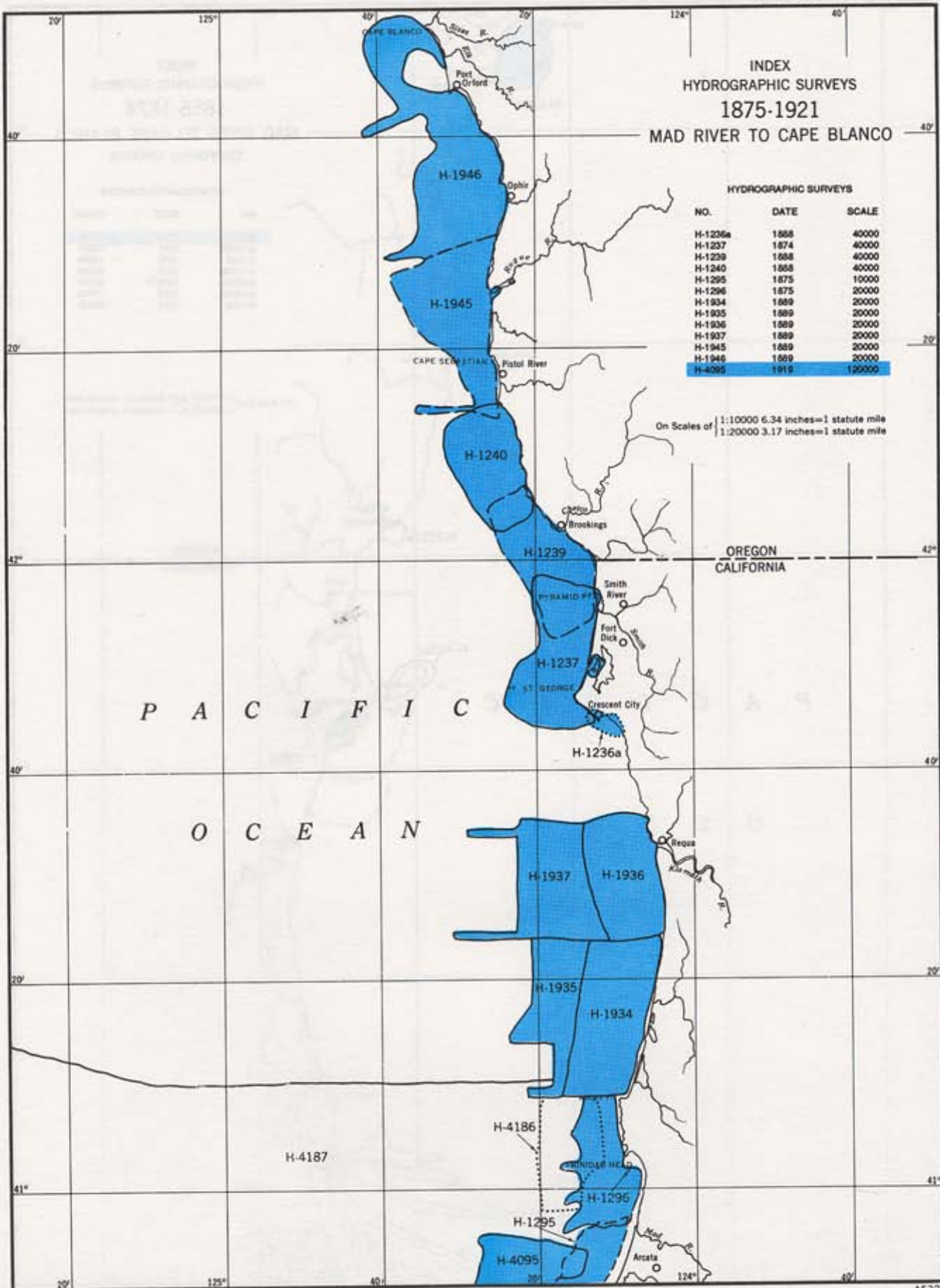


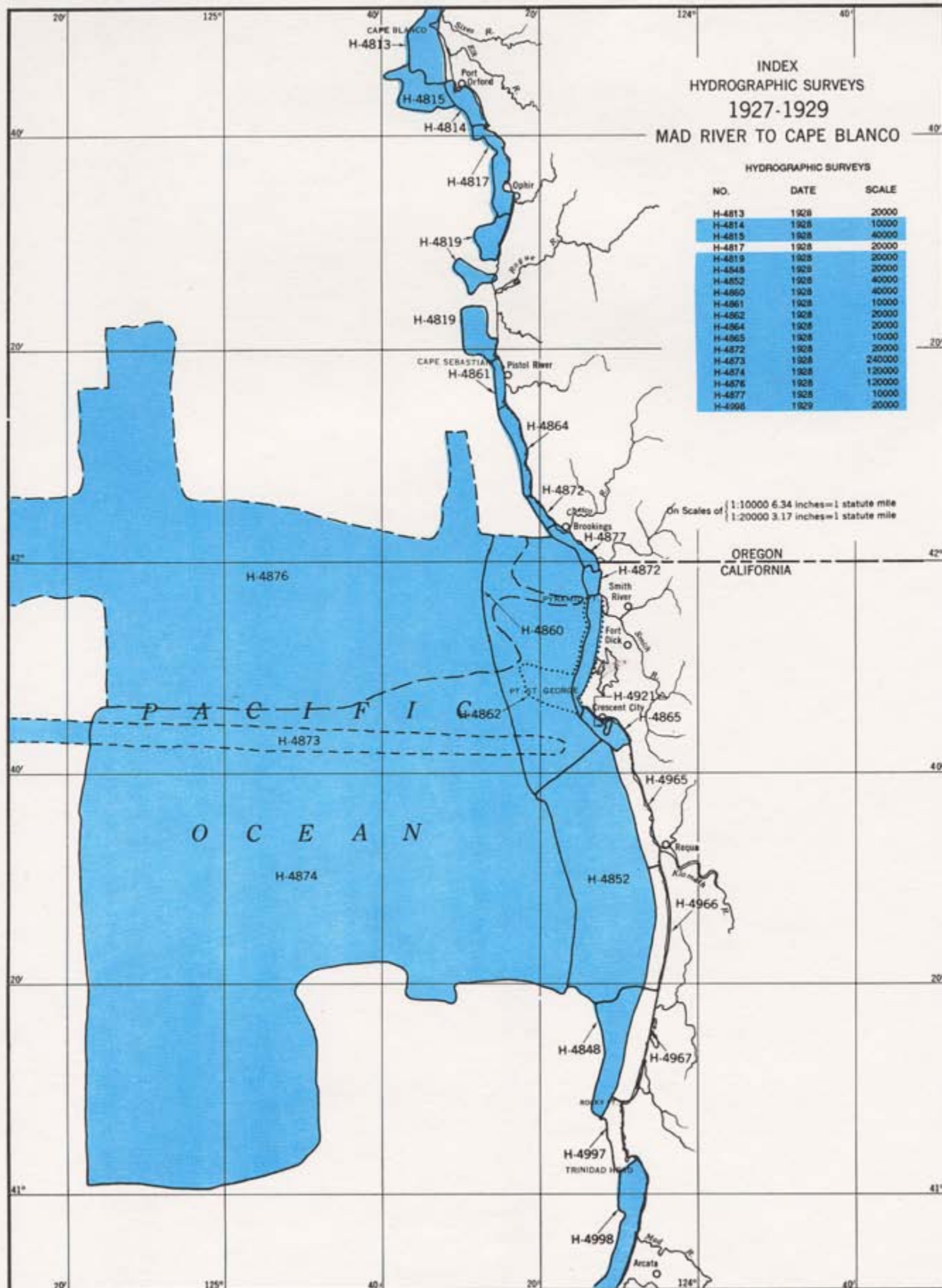


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H-1239	1868	40000
H-1240	1868	40000
H-1295	1875	10000
H-1296	1875	20000
H-1934	1889	20000
H-1935	1889	20000
H-1936	1889	20000
H-1937	1889	20000
H-1945	1889	20000
H-1946	1889	20000
H-4095	1919	120000

On Scales of 1:10000 6.34 inches=1 statute mile  
1:20000 3.17 inches=1 statute mile







The following is a list of descriptive reports for those hydrographic and topographic surveys not in the collection at this time.

T 270	T 5012a	T 5925	T 11077	T 12696
T 271	T 5013	T 5927	T 11640	T 12697
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T 4672	T 5031	T 5950	T 11872	H 6046
T 4685	T 5032	T 5951	T 11873	H 6047
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T 5003a	T 6374	T 10414	T 12681	
T 5004	T 6375	T 11062	T 12682	
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T 5012	T 6924	T 11076	T 12695	

Δ - Wire Drag

## REFERENCES

NOTE: Following is a list of publications which are available from the U.S. Department of Commerce explaining methods and procedures involved in Topographic and Hydrographic Surveys.

1. Shore and Sea Boundaries  
Volume 1 and 2, Aaron L. Shalowitz
2. Rules for Representing Certain Topographical and Hydrographical Features on the Maps and Charts of the U.S. Coast Survey, 1861.
3. Topographic Instructions  
Bulletin# 788
4. Hydrographic Manual  
Special Publication #143 and #20-Z.